



PRODUCT: Power Molding Inductor

尺寸	感值范围 (μH)	电流范围 (A)
201610	0.24-2.2	1.7-5.6
252010	0.24-6.8	1.2-6.5
252012	0.24-6.8	1.4-8.9
0412	0.33-4.7	1.8-7.5
0402	0.10-10	1.2-22
0518	0.47-10	2.3-16
0502	0.47-10	2.3-15.5
0503	0.20-10	2.5-18
0618	0.10-6.8	2.8-45
0624	0.10-10	2.5-50
0603	0.10-33	2.0-60
0604	1.0-22	3.0-14.0
0605	0.22-47	2.0-35
1040	0.15-100	2.25-80
1250	0.10-68	3.3-118
1265	0.10-100	3-120

©All test Data is referenced to 25°C ambient

©Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

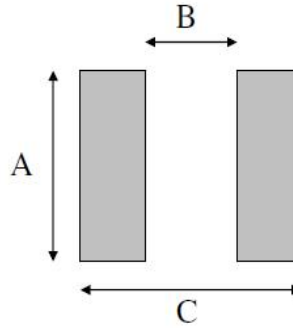
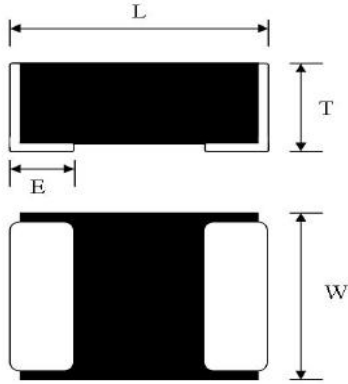
© Typical Saturation DC Current would cause L_o to drop approximately 30%

Δ Operating Temperature Range: -25°C to +125°C

PRODUCT: Power Inductor

SERIES: PSPMBL201610P

PACKAGING DIM-ANPENSION: [Unit: MM]



L	2.0±0.2
W	1.6±0.2
T	1.0 MAX
E	0.5±0.3
A	1.6
B	0.9
C	2.0

GENERAL SPECIFICATIONS:

RoHS
COMPLIANT

P/N	L0	DCR(mΩ)		Heat Rating	Saturation
	Inductance			Current	Current
	μH ±20%	【Typical】	【Max】	Idc (Amp)	Isat (Amp)
	1MHz/1V			Typical	Typical
PSPMBL201610P-R24M-ANP-BM	0.24	17	21	5.0	5.6
PSPMBL201610P-R33M-ANP-BM	0.33	24	29	4.1	5.0
PSPMBL201610P-R47M-ANP-BM	0.47	33	40	3.5	4.4
PSPMBL201610P-R68M-ANP-BM	0.68	41	49	3.4	3.7
PSPMBL201610P-1R0M-ANP-BM	1.00	60	69	2.6	2.9
PSPMBL201610P-1R5M-ANP-BM	1.50	114	129	2.0	2.5
PSPMBL201610P-2R2M-ANP-BM	2.20	135	150	1.7	1.9

©All test Data is referenced to 25°C ambient

©Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

© Typical Saturation DC Current would cause Lo to drop approximately 30%

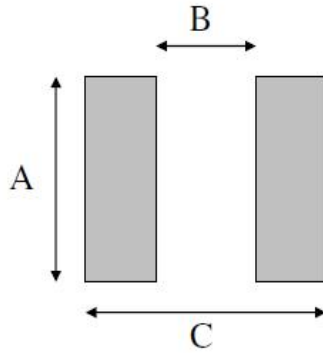
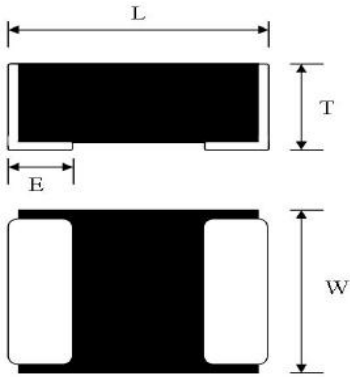
△ Operating Temperature Range: -40°C to +125°C



PRODUCT: Power Inductor

SERIES: PSPMBL252010P

PACKAGING DIM-ANPENSION: [Unit: MM]



L	2.5±0.2
W	2.0±0.2
T	1.0 MAX
E	0.6±0.3
A	2.0
B	1.2
C	2.8

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0	DCR(mΩ)		Heat Rating	Saturation
	Inductance			Current	Current
	μH ±20%	【Typical】	【Max】	Idc (Amp)	Isat (Amp)
	1MHz/1V			Typical	Typical
PSPMBL252010P-R22M-ANP-BM	0.22	9.0	12.5	5.9	7.9
PSPMBL252010P-R33M-ANP-BM	0.33	21.0	26.0	4.4	6.6
PSPMBL252010P-R47M-ANP-BM	0.47	27.0	32.0	3.9	5.0
PSPMBL252010P-R68M-ANP-BM	0.68	37.0	44.0	3.4	4.3
PSPMBL252010P-1R0M-ANP-BM	1.00	45.0	54.0	3.0	3.5
PSPMBL252010P-1R5M-ANP-BM	1.50	76.0	91.0	2.5	2.6
PSPMBL252010P-2R2M-ANP-BM	2.20	99.0	119.0	2.3	2.4
PSPMBL252010P-4R7M-ANP-BM	4.70	220.0	262.0	1.36	1.8

©All test Data is referenced to 25°C ambient

©Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

© Typical Saturation DC Current would cause Lo to drop approximately 30%

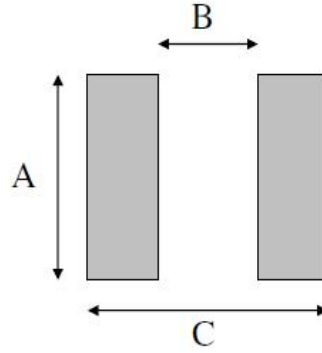
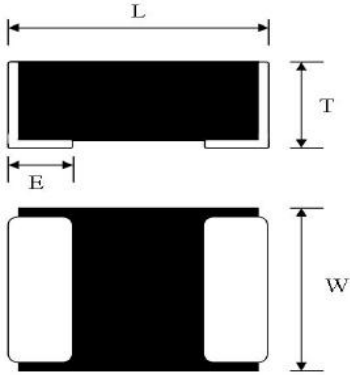
△ Operating Temperature Range: -40°C to +125°C



PRODUCT: Power Inductor

SERIES: PSPMBL252012P

PACKAGING DIM-ANPENSION: [Unit: MM]



L	2.5±0.2
W	2.0±0.2
T	1.2 MAX
E	0.6±0.3
A	2.0
B	1.2
C	2.8

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0 Inductance μH ±20% 1MHz/1V	DCR(mΩ)		Heat Rating	Saturation
		【Typical】	【Max】	Current	Current
				Idc (Amp) Typical	Isat (Amp) Typical
		PSPMBL252012P-R47M-ANP-BM	0.47	21	25
PSPMBL252012P-R68M-ANP-BM	0.68	29	35	3.7	5.0
PSPMBL252012P-1R0M-ANP-BM	1.00	41	49	3.5	4.4
PSPMBL252012P-1R5M-ANP-BM	1.50	64	77	2.5	3.2
PSPMBL252012P-2R2M-ANP-BM	2.20	85	98	2.27	3.0
PSPMBL252012P-4R7M-ANP-BM	4.70	196	235	1.61	1.9

©All test Data is referenced to 25°C ambient

©Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

© Typical Saturation DC Current would cause Lo to drop approximately 30%

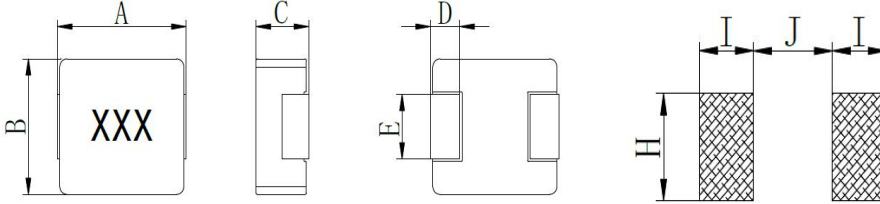
△ Operating Temperature Range: -40°C to +125°C



PRODUCT: Power Inductor

SERIES: PSPMAA0412

PACKAGING DIM-ANPENSION: [Unit: MM]



A	4.4±0.35
B	4.2±0.30
C	1.0±0.2
D	0.8Ref
E	2.0Ref
H	2.5Ref
I	1.5Ref
J	2.2Ref

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0 Inductance μH ±20% @0A	DCR(mΩ) 【Max】	Heat Rating	Saturation
			Current	Current
			Idc (Amp)	Isat (Amp)
			Typical	Typical
PSPMAA0412-R15M-ANP	0.15	9.0	7.5	15.0
PSPMAA0412-R22M-ANP	0.22	11.0	7.0	11.0
PSPMAA0412-R33M-ANP	0.33	19.0	6.5	8.4
PSPMAA0412-R47M-ANP	0.47	21.0	6.0	6.8
PSPMAA0412-R68M-ANP	0.68	36.0	4.7	6.0
PSPMAA0412-1R0M-ANP	1.00	47.0	4.5	5.5
PSPMAA0412-1R5M-ANP	1.50	75.0	3.3	4.0
PSPMAA0412-2R2M-ANP	2.20	83.0	2.75	3.0
PSPMAA0412-4.7M-ANP	4.70	195.0	1.80	2.2

◎All test Data is referenced to 25°C ambient

◎Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

◎ Typical Saturation DC Current would cause Lo to drop approximately 30%

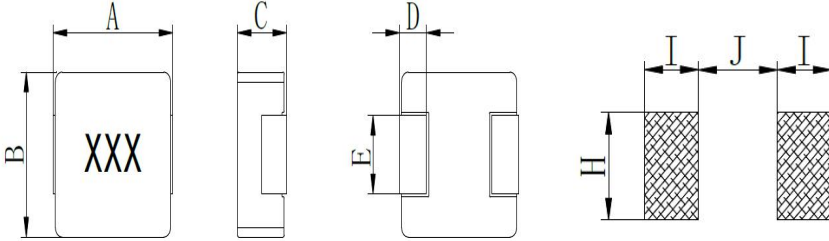
△ Operating Temperature Range: -25°C to +125°C



PRODUCT: Power Inductor

SERIES: PSPMAA0402

PACKAGING DIM-ANPENSION: [Unit: M-ANPM-ANP]



A	4.4±0.35
B	4.2±0.30
C	1.8±0.2
D	0.8Ref
E	2.0Ref
H	2.5Ref
I	1.5Ref
J	2.2Ref

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

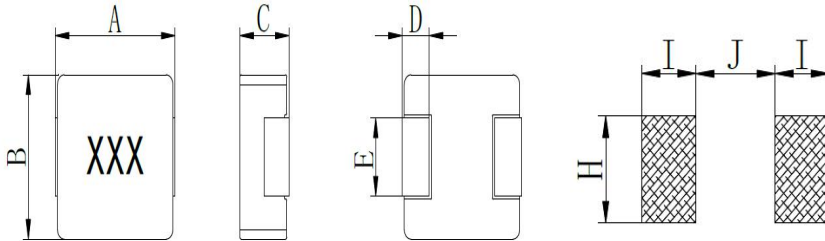
P/N	LO Inductance μH ±20% @0A	DCR(mΩ) 【Max】	Heat Rating	Saturation
			Current	Current
			Idc (Amp)	Isat (Amp)
			Typical	Typical
PSPMAA0402-R10M-ANP	0.10	4.0	12.0	22.0
PSPMAA0402-R22M-ANP	0.22	6.6	9.0	12.5
PSPMAA0402-R33M-ANP	0.33	13.0	8.0	12.0
PSPMAA0402-R47M-ANP	0.47	14.0	7.5	9.5
PSPMAA0402-R56M-ANP	0.56	16.0	7.0	9.0
PSPMAA0402-R68M-ANP	0.68	18.0	7.0	8.0
PSPMAA0402-1R0M-ANP	1.00	27.0	6.0	7.0
PSPMAA0402-1R5M-ANP	1.50	46.0	4.5	5.5
PSPMAA0402-2R2M-ANP	2.20	58.0	4.0	5.0
PSPMAA0402-3R3M-ANP	3.30	87.0	2.5	3.5
PSPMAA0402-4R7M-ANP	4.70	98.0	2.0	3.2
PSPMAA0402-6R8M-ANP	6.80	175.0	1.5	2.5
PSPMAA0402-100M-ANP	10.00	282.0	1.6	2.0

©All test Data is referenced to 25°C ambient

©Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

© Typical Saturation DC Current would cause Lo to drop approximately 30%

△ Operating Temperature Range: -25°C to +125°C

PRODUCT: Power Inductor
SERIES: PSPMAA0518
PACKAGING DIMENSION: [Unit: mm]


A	5.4±0.35
B	5.2±0.30
C	1.6±0.2
D	1.2Ref
E	2.2Ref
H	2.5Ref
I	1.9Ref
J	2.2Ref

GENERAL SPECIFICATIONS:

RoHS
COMPLIANT

P/N	L0 Inductance μH ±20% @0A	DCR(mΩ) 【Max】	Heat Rating	Saturation
			Current	Current
			Idc (Amp)	Isat (Amp)
PSPMAA0518-R47M-ANP	0.47	9.0	10.5	12.0
PSPMAA0518-R56M-ANP	0.56	10.0	9.5	11.0
PSPMAA0518-1R0M-ANP	1.00	17.0	8.0	9.0
PSPMAA0518-1R5M-ANP	1.50	28.0	8.0	7.5
PSPMAA0518-2R2M-ANP	2.20	35.0	5.0	6.0
PSPMAA0518-3R3M-ANP	3.30	58.0	4.5	4.8
PSPMAA0518-4R7M-ANP	4.70	85.0	3.5	4.0
PSPMAA0518-6R8M-ANP	6.80	125.0	2.8	3.4
PSPMAA0518-100M-ANP	10.00	155.0	2.5	2.5

◎All test Data is referenced to 25°C ambient

◎Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

◎ Typical Saturation DC Current would cause Lo to drop approximately 30%

△ Operating Temperature Range: -25°C to +125°C

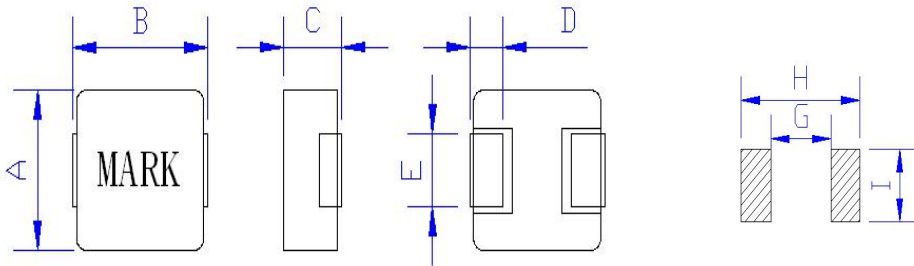




PRODUCT: Power Inductor

SERIES: PSPMAC0502

PACKAGING DIMENSION: [Unit: mm]



A	5.6±0.0.5
B	5.2±0.30
C	2.0Max
D	1.3±0.5
E	2.0±0.3
H	1.9Ref
I	6.2Ref
J	2.5Ref

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0	DCR(mΩ)		Heat Rating	Saturation
	Inductance			Current	Current
	μH ±20%	【Typical】	【Max】	Idc (Amp)	Isat (Amp)
	@0A			Typ.	Typ.
PSPMAC0502-R47M-ANP/F	0.47	10.5	13	8	12.5
PSPMAC0502-R68M-ANP/F	0.68	14	17	6	10
PSPMAC0502-1R0M-ANP/F	1	17	19.2	5	8
PSPMAC0502-2R2M-ANP/F	2.2	32	38	4	6
PSPMAC0502-3R3M-ANP/F	3.3	58	70	3	4.5
PSPMAC0502-4R7M-ANP/F	4.7	74	96	2.8	4.2
PSPMAC0502-5R6M-ANP/F	5.6	86	103	2.5	4.2
PSPMAC0502-6R8M-ANP/F	6.8	114	137	2.2	4
PSPMAC0502-100M-ANP/F	10	135	178	1.8	3

◎All test Data is referenced to 25°C ambient

◎Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

◎ Typical Saturation DC Current would cause Lo to drop approximately 30%

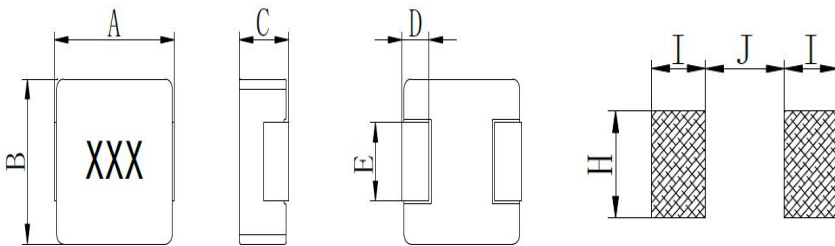
△ Operating Temperature Range: -25°C to +125°C



PRODUCT: Power Inductor

SERIES: PSPMAA0503

PACKAGING DIMENSION: [Unit: mm]



A	5.4±0.35
B	5.2±0.30
C	2.80±0.2
D	1.2Ref
E	2.2Ref
H	2.5Ref
I	1.9Ref
J	2.2Ref

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0 Inductance μH ±20% @0A	DCR(mΩ) 【Max】	Heat Rating	Saturation
			Current	Current
			Idc (Amp) Typ.	Isat (Amp) Typ.
PSPMAA0503-R33M-ANP	0.33	5.5	14.0	18.0
PSPMAA0503-R47M-ANP	0.47	8.5	11.0	15.0
PSPMAA0503-R68M-ANP	0.68	12.0	9.0	11.5
PSPMAA0503-1R0M-ANP	1.00	14.0	8.5	10.0
PSPMAA0503-1R5M-ANP	1.50	25.0	8.2	9.0
PSPMAA0503-2R2M-ANP	2.20	29.0	7.0	7.0
PSPMAA0503-3R3M-ANP	3.30	38.0	5.5	6.0
PSPMAA0503-4R7M-ANP	4.70	60.0	4.5	4.6
PSPMAA0503-6R8M-ANP	6.80	90.0	3.5	3.6
PSPMAA0503-100M-ANP	10.00	125.0	3.2	3.5

©All test Data is referenced to 25°C ambient

©Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

© Typical Saturation DC Current would cause Lo to drop approximately 30%

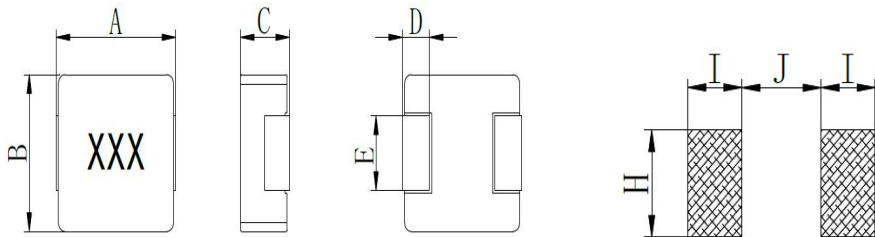
△ Operating Temperature Range: -25°C to +125°C



PRODUCT: Power Inductor

SERIES: PSPMAA0618

PACKAGING DIMENSION: [Unit: mm]



A	7.0±0.35
B	6.6±0.30
C	1.6±0.2
D	1.6Ref
E	3.0Ref
H	3.5Ref
I	2.35Ref
J	3.7Ref

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0 Inductance μH ±20% @0A	DCR(mΩ) 【Max】	Heat Rating	Saturation
			Current	Current
			Idc (Amp) Typ.	Isat (Amp) Typ.
			PSPMAA0618-R10M-ANP/F	0.10
PSPMAA0618-R22M-ANP/F	0.22	3.5	22.0	24.0
PSPMAA0618-R47M-ANP/F	0.47	8.4	11.5	18.0
PSPMAA0618-R68M-ANP/F	0.68	12.0	9.5	16.5
PSPMAA0618-1R0M-ANP/F	1.00	16.0	8.5	12.0
PSPMAA0618-1R5M-ANP/F	1.50	26.0	8.0	9.2
PSPMAA0618-2R2M-ANP/F	2.20	35.0	7.0	8.0
PSPMAA0618-3R3M-ANP/F	3.30	50.0	4.5	6.0
PSPMAA0618-4R7M-ANP/F	4.70	62.0	4.0	5.0
PSPMAA0618-6R8M-ANP/F	6.80	110.0	3.0	4.5
PSPMAA0618-100M-ANP/F	10.00	155.0	2.3	4.0

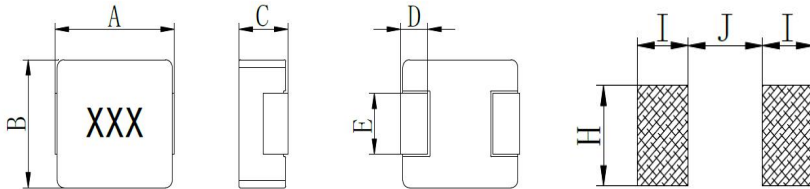
- ◎All test Data is referenced to 25°C ambient
- ◎Typical Heat Rating DC Current would cause an approximately ΔT of 40°C
- ◎ Typical Saturation DC Current would cause Lo to drop approximately 30%
- △ Operating Temperature Range: -55°C to +125°C



PRODUCT: Power Inductor

SERIES: PSPMAA0624

PACKAGING DIMENSION: [Unit: mm]



A	7.3±0.35
B	6.6±0.30
C	2.2±0.2
D	1.6Ref
E	3.0Ref
H	3.5Ref
I	2.35Ref
J	3.7Ref

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0 Inductance μH ±20% @0A	DCR(mΩ) 【Max】	Heat Rating	Saturation
			Current	Current
			Idc (Amp) Typ.	Isat (Amp) Typ.
PSPMAA0624-R22M-ANF/P	0.22	3.2	21.0	34.0
PSPMAA0624-R36M-ANF/P	0.36	4.6	17.0	29.0
PSPMAA0624-R47M-ANF/P	0.47	5.5	15.0	26.0
PSPMAA0624-R56M-ANF/P	0.56	5.5	15.0	26.0
PSPMAA0624-R68M-ANF/P	0.68	7.2	13.0	21.0
PSPMAA0624-R82M-ANF/P	0.82	9.5	11.0	17.0
PSPMAA0624-1R0M-ANF/P	1.0	13.5	11.0	16.0
PSPMAA0624-1R5M-ANF/P	1.5	20.7	9.0	15.0
PSPMAA0624-2R2M-ANF/P	2.2	27.5	9.0	14.0
PSPMAA0624-3R3M-ANF/P	3.3	37.8	6.0	10.0
PSPMAA0624-4R7M-ANF/P	4.7	50.0	5.5	9.0
PSPMAA0624-5R6M-ANF/P	5.6	62.0	5.0	8.0
PSPMAA0624-6R8M-ANF/P	6.8	70.5	4.0	7.0
PSPMAA0624-8R2M-ANF/P	8.2	95.0	3.6	6.0
PSPMAA0624-100M-ANF/P	10	101.0	3.2	5.0

©All test Data is referenced to 25°C ambient

©Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

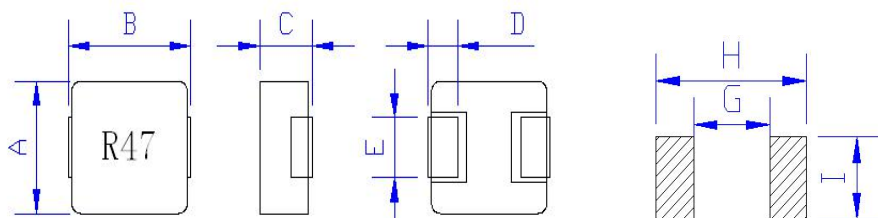
©Typical Saturation DC Current would cause Lo to drop approximately 30%

△ Operating Temperature Range: -25°C to +125°C

PRODUCT: Power Inductor

SERIES: PSPMAA0624H

PACKAGING DIMENSION: [Unit: mm]



A	7.1±0.5
B	6.6±0.3
C	2.2±0.2
D	1.6±0.3
E	3.0±0.3
G	2.4Ref
H	7.8Ref
I	3.5Ref

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0		DCR(mΩ)		Heat Rating	Saturation
	Inductance				Current	Current
	μH ±20%		Typ.	【Max】	Idc (Amp)	Isat (Amp)
	@0A				Typ.	Typ.
PSPMAA0624H-R22M-ANP/F	0.22		2.3	2.7	20	35
PSPMAA0624H-R33M-ANP/F	0.33		3.1	3.7	16	27
PSPMAA0624H-R47M-ANP/F	0.47		3.3	4.1	14	20
PSPMAA0624H-R68M-ANP/F	0.68		4.8	6	12	18
PSPMAA0624H-1R0M-ANP/F	1		8.5	10	8	15
PSPMAA0624H-1R5M-ANP/F	1.5		10.8	13	7	13
PSPMAA0624H-2R2M-ANP/F	2.2		12.7	16	6	10
PSPMAA0624H-3R3M-ANP/F	3.3		23	27.6	5.5	9
PSPMAA0624H-4R7M-ANP/F	4.7		32	40	5	8
PSPMAA0624H-6R8M-ANP/F	5.6		44	53	4	7
PSPMAA0624H-100M-ANP/F	6.8		52	60	3.5	6
PSPMAA0624H-150M-ANP/F	10		76	94	3	5

◎All test Data is referenced to 25°C ambient

◎Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

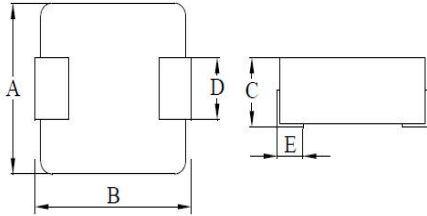
◎Typical Saturation DC Current would cause Lo to drop approximately 30%

△ Operating Temperature Range: -25°C to +125°C

PRODUCT: Power Inductor

SERIES: PSPMAA0603

PACKAGING DIMENSION: [Unit: mm]



A	6.6±0.3
B	7.1±0.3
C	3.0MAX
D	3.0±0.3
E	1.6±0.5

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

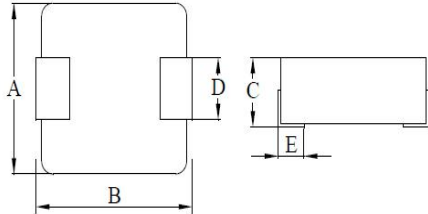
P/N	L0 Inductance μH ±20% @0A	DCR(mΩ)		Heat Rating	Saturation
		【Typical】	【Max】	Current	Current
				Idc (Amp) Typ.	Isat (Amp) Typ.
PSPMAA0603-R10M-ANP/F	0.10	1.5	1.7	32.5	60.0
PSPMAA0603-R15M-ANP/F	0.15	1.9	2.5	26.0	52.0
PSPMAA0603-R22M-ANP/F	0.22	2.5	2.8	23.0	40.0
PSPMAA0603-R33M-ANP/F	0.33	3.5	3.9	20.0	30.0
PSPMAA0603-R47M-ANP/F	0.47	4.0	4.2	17.5	26.0
PSPMAA0603-R68M-ANP/F	0.68	5.0	5.5	15.5	25.0
PSPMAA0603-R82M-ANP/F	0.82	6.7	8.0	13.0	24.0
PSPMAA0603-1R0M-ANP/F	1.00	9.0	10.0	11.0	22.0
PSPMAA0603-1R5M-ANP/F	1.50	14.0	15.0	9.0	18.0
PSPMAA0603-2R2M-ANP/F	2.20	18.0	20.0	8.0	14.0
PSPMAA0603-3R3M-ANP/F	3.30	28.0	30.0	6.0	13.5
PSPMAA0603-4R7M-ANP/F	4.70	37.0	40.0	5.5	10.0
PSPMAA0603-6R8M-ANP/F	6.80	54.0	60.0	4.5	8.0
PSPMAA0603-8R2M-ANP/F	8.20	64.0	68.0	4.0	7.5
PSPMAA0603-100M-ANP/F	10.00	102.0	105.0	3.0	7.0

©All test Data is referenced to 25°C ambient

©Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

© Typical Saturation DC Current would cause Lo to drop approximately 30%

△ Operating Temperature Range: -25°C to +125°C

PRODUCT: Power Inductor
SERIES: PSPMBG0603
PACKAGING DIMENSION: [Unit: mm]


A	6.6±0.3
B	7.1±0.3
C	3.0MAX
D	3.0±0.3
E	1.6±0.5

GENERAL SPECIFICATIONS:
**RoHS
COMPLIANT**

P/N	L0 Inductance μH ±20% @0A	DCR(mΩ) 【Max】	Heat Rating	Saturation
			Current	Current
			Idc (Amp)	Isat (Amp)
			Typ.	Typ.
PSPMBG0603-R22M-ANP/F	0.22	2.8	23.0	40.0
PSPMBG0603-R47M-ANP/F	0.47	5.5	14.0	27.0
PSPMBG0603-R68M-ANP/F	0.68	6.3	13.0	24.0
PSPMBG0603-R82M-ANP/F	0.82	8.0	12.5	23.0
PSPMBG0603-1R0M-ANP/F	1.00	10.0	12.0	22.0
PSPMBG0603-1R5M-ANP/F	1.50	15.0	9.5	18.0
PSPMBG0603-1R8M-ANP/F	1.80	17.0	9.5	14.0
PSPMBG0603-2R2M-ANP/F	2.20	20.0	8.5	14.0
PSPMBG0603-3R3M-ANP/F	3.30	35.0	6.0	12.0
PSPMBG0603-4R7M-ANP/F	4.70	40.0	5.5	9.0
PSPMBG0603-5R6M-ANP/F	5.60	40.0	4.5	8.0
PSPMBG0603-6R8M-ANP/F	6.80	60.0	4.5	8.0
PSPMBG0603-100M-ANP/F	10.00	68.0	4.0	5.5
PSPMBG0603-150M-ANP/F	15.00	122.0	3.0	5.0
PSPMBG0603-220M-ANP/F	22.00	145.0	3.0	3.2
PSPMBG0603-330M-ANP/F	33.00	270.0	2.0	3.0

©All test Data is referenced to 25°C ambient

©Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

© Typical Saturation DC Current would cause Lo to drop approximately 30%

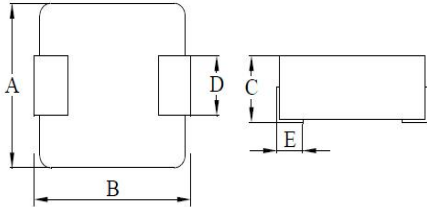
△ Operating Temperature Range: -25°C to +125°C



PRODUCT: Power Inductor

SERIES: PSPMAA063T

PACKAGING DIMENSION: [Unit: mm]



A	6.6±0.3
B	7.1±0.3
C	3.0MAX
D	3.0±0.3
E	1.6±0.5

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0 Inductance μH ±20% @0A	DCR(mΩ)		Heat Rating	Saturation
		【Typical】	【Max】	Current	Current
				Idc (Amp)	Isat (Amp)
				Typ.	Typ.
PSPMAA063T-R47M-ANP/F	0.47	3.5	4.1	18.0	20.0
PSPMAA063T-R56M-ANP/F	0.56	3.9	4.5	16.5	18.0
PSPMAA063T-R68M-ANP/F	0.68	4.8	5.3	16.0	17.0
PSPMAA063T-R82M-ANP/F	0.82	5.4	6.0	14.0	16.0
PSPMAA063T-1R0M-ANP/F	1.00	6.7	7.4	12.0	15.0
PSPMAA063T-1R2M-ANP/F	1.20	7.8	10.0	10.0	14.0
PSPMAA063T-1R5M-ANP/F	1.50	10.6	12.1	10.0	14.0
PSPMAA063T-2R2M-ANP/F	2.20	13.5	15.0	8.0	10.0
PSPMAA063T-2R5M-ANP/F	2.50	16.0	18.0	7.0	10.0
PSPMAA063T-3R3M-ANP/F	3.30	18.0	22.0	6.5	9.5
PSPMAA063T-4R7M-ANP/F	4.70	28.0	33.0	5.5	6.5
PSPMAA063T-5R6M-ANP/F	5.60	39.0	42.0	5.5	6.0
PSPMAA063T-6R8M-ANP/F	6.80	43.0	50.0	4.5	6.0
PSPMAA063T-8R2M-ANP/F	8.20	54.0	60.0	4.5	6.0
PSPMAA063T-100M-ANP/F	10.00	62.0	68.0	4.0	5.5
PSPMAA063T-150M-ANP/F	15.00	110.0	125.0	3.5	3.0

©All test Data is referenced to 25°C ambient

©Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

© Typical Saturation DC Current would cause Lo to drop approximately 30%

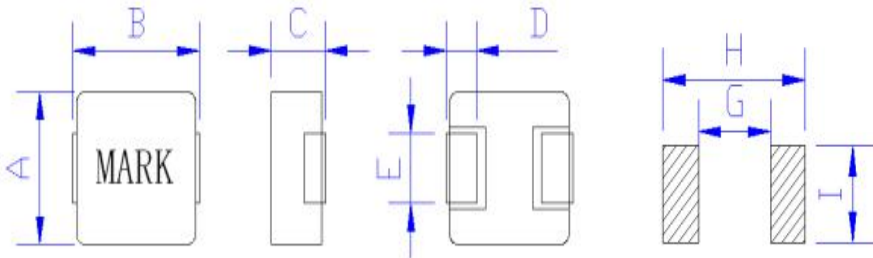
△ Operating Temperature Range: -25°C to +125°C



PRODUCT: Power Inductor

SERIES: PSPMAA0604H

PACKAGING DIMENSION: [Unit: mm]



A	6.6±0.3
B	7.1±0.3
C	4.0MAX
D	1.6±0.3
E	3.0±0.3
G	2.4Ref
H	7.8Ref
I	3.5Ref

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0	DCR(mΩ)		Heat Rating	Saturation
	Inductance			Current	Current
	μH ±20%	【Typical】	【Max】	Idc (Amp)	Isat (Amp)
	@0A			Typ.	Typ.
PSPMAA0604H-1R0M-ANP	1	5.5	6.6	9	17
PSPMAA0604H-1R5M-ANP	1.5	7	10.8	8	13
PSPMAA0604H-2R2M-ANP	2.2	10	13	7	12
PSPMAA0604H-3R3M-ANP	3.3	13.5	18	6.5	11
PSPMAA0604H-4R7M-ANP	4.7	20	24	6	9
PSPMAA0604H-6R8M-ANP	6.8	41	49	5	8
PSPMAA0604H-8R2M-ANP	10	58	70	3.5	6.5
PSPMAA0604H-100M-ANP	15	64	77	3	5.5
PSPMAA0604H-220M-ANP	22	98	117	2.5	4
PSPMAA0604H-330M-ANP	33	163	196	2	3.5

◎All test Data is referenced to 25°C ambient

◎Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

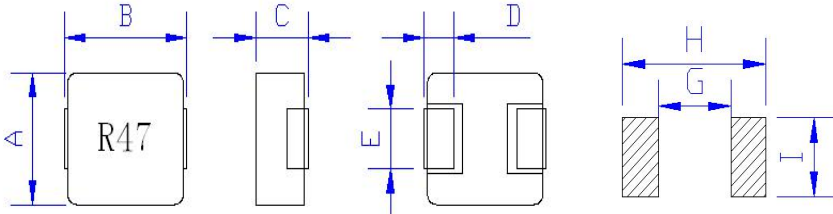
◎ Typical Saturation DC Current would cause Lo to drop approximately 30%

△ Operating Temperature Range: -25°C to +125°C

PRODUCT: Power Inductor

SERIES: PSPMAQ0605H

PACKAGING DIMENSION: [Unit: mm]



A	7.1±0.5
B	6.6±0.3
C	5Max
D	1.6±0.3
E	3.0±0.3
G	2.4Ref
H	7.8Ref
I	3.5Ref

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0	DCR(mΩ)		Heat Rating	Saturation
	Inductance			Current	Current
	μH ±20%	【Typical】	【Max】	Idc (Amp)	Isat (Amp)
	@0A			Typ.	Typ.
PSPMAQ0605H-1R0M-ANP	1	6	7.2	9	18
PSPMAQ0605H-1R5M-ANP	1.5	7	8.5	8.5	15
PSPMAQ0605H-2R2M-ANP	2.2	10.4	12.5	8	14
PSPMAQ0605H-3R3M-ANP	3.3	13	16	7	11
PSPMAQ0605H-4R7M-ANP	4.7	17	20	6	10
PSPMAQ0605H-6R8M-ANP	6.8	22	26.4	5	9
PSPMAQ0605H-100M-ANP	10	37	46	4	8
PSPMAQ0605H-150M-ANP	15	54	65	3.5	6
PSPMAQ0605H-220M-ANP	22	80	105	3	5
PSPMAQ0605H-330M-ANP	33	120	144	2.5	4.5
PSPMAQ0605H-470M-ANP	47	170	200	1.5	2.5

◎All test Data is referenced to 25°C ambient

◎Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

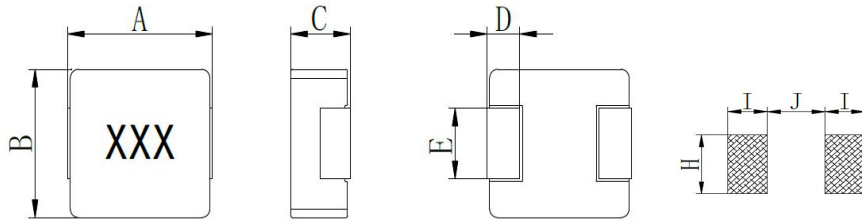
◎ Typical Saturation DC Current would cause Lo to drop approximately 30%

△ Operating Temperature Range: -25°C to +125°C

PRODUCT: Power Inductor

SERIES: PSPMAA1040

PACKAGING DIMENSION: [Unit: mm]



A	11.0±0.5
B	10±0.3
C	3.8±0.2
D	2.0Ref
E	3.0Ref
G	4.1Ref
H	4.1Ref
I	5.4Ref

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0 Inductance μH ±20% @0A	DCR(mΩ) 【Max】	Heat Rating	Saturation
			Current	Current
			Idc (Amp)	Isat (Amp)
			Typ.	Typ.
PSPMAA1040-R22M-ANP	0.22	1	35.0	60.0
PSPMAA1040-R36M-ANP	0.36	1.2	30.0	45.0
PSPMAA1040-R47M-ANP	0.47	1.7	30.0	40.0
PSPMAA1040-R56M-ANP	0.56	1.8	25.0	33.0
PSPMAA1040-R68M-ANP	0.68	2.4	23.0	30.0
PSPMAA1040-1R0M-ANP	1.00	4.1	18.0	34.0
PSPMAA1040-1R5M-ANP	1.50	6.0	16.0	32.0
PSPMAA1040-2R2M-ANP	2.20	9.0	12.0	25.0
PSPMAA1040-3R3M-ANP	3.30	13.5	10.0	14.0
PSPMAA1040-4R7M-ANP	4.70	18.0	8.0	13.5
PSPMAA1040-6R8M-ANP	6.80	25.0	7.5	12.0
PSPMAA1040-8R2M-ANP	8.20	28.0	6.8	9.0
PSPMAA1040-100M-ANP	10.00	68.0	4.8	7.5
PSPMAA1040-150M-ANP	15.00	85.0	4.2	6.0
PSPMAA1040-220M-ANP	22.00	140.0	4.0	5.0
PSPMAA1040-330M-ANP	33.00	150.0	3.5	4.5
PSPMAA1040-470M-ANP	47.00	165.0	3.0	4.0
PSPMAA1040-680M-ANP	68.00	205.0	2.8	3.5

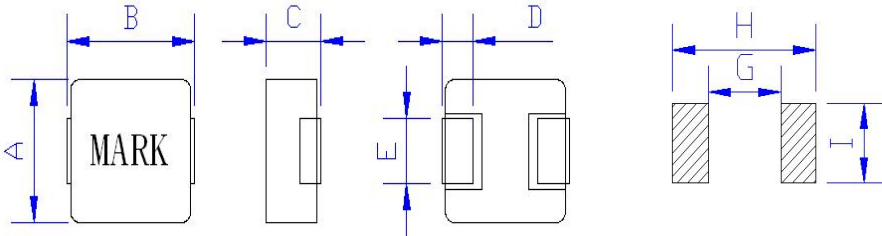
- ◎All test Data is referenced to 25°C ambient
- ◎Typical Heat Rating DC Current would cause an approximately ΔT of 40°C
- ◎ Typical Saturation DC Current would cause Lo to drop approximately 30%
- △ Operating Temperature Range: -25°C to +125°C



PRODUCT: Power Inductor

SERIES: PSPMAC1250H

PACKAGING DIMENSION: [Unit: mm]



A	12.8±0.3
B	14.0±0.5
C	5.0Max
D	2.5±0.3
E	3.8±0.5
G	3.8Ref
H	14.5Ref
I	4.5Ref

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	LO	DCR(mΩ)		Heat Rating	Saturation
	Inductance			Current	Current
	μH ±20%	【Typical】	【Max】	Idc (Amp)	Isat (Amp)
	@0A			Typ.	Typ.
PSPMAC1250H-R47M-ANP/F	0.5	1.0	1.2	25	45
PSPMAC1250H-R68M-ANP/F	0.7	1.2	1.6	23	38
PSPMAC1250H-R82M-ANP/F	0.8	1.7	2.2	22	36
PSPMAC1250H-1R0M-ANP/F	1.0	2.1	2.5	20	35
PSPMAC1250H-1R5M-ANP/F	1.5	2.6	3.1	15	30
PSPMAC1250H-2R2M-ANP/F	2.2	5.0	6.0	14	26
PSPMAC1250H-3R3M-ANP/F	3.3	6.3	7.6	13	24
PSPMAC1250H-4R7M-ANP/F	4.7	7.5	9.0	12	18
PSPMAC1250H-6R8M-ANP/F	6.8	12.0	14.4	8	13
PSPMAC1250H-100M-ANP/F	10.0	19.5	24.0	7	11
PSPMAC1250H-150M-ANP/F	15.0	26.0	31.2	5	9
PSPMAC1250H-220M-ANP/F	22.0	29.0	35.0	4	7

◎All test Data is referenced to 25°C ambient

◎Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

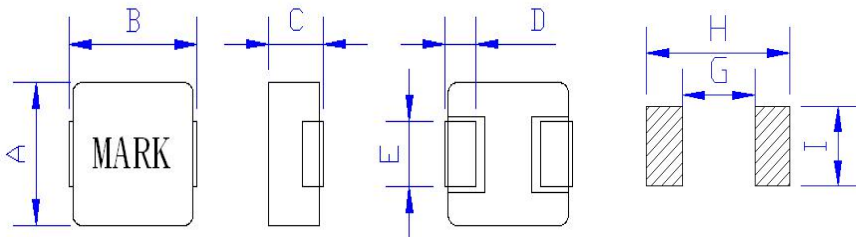
◎ Typical Saturation DC Current would cause Lo to drop approximately 30%

△ Operating Temperature Range: -25°C to +125°C

PRODUCT: Power Inductor

SERIES: PSPMAC1265H

PACKAGING DIMENSION: [Unit: mm]



A	12.8±0.3
B	14.0±0.5
C	6.5Max
D	2.5±0.3
E	3.8±0.5
G	3.8Ref
H	14.5Ref
I	4.5Ref

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0		DCR(mΩ)		Heat Rating	Saturation
	Inductance				Current	Current
	μH ±20%		【Typical】	【Max】	Idc (Amp)	Isat (Amp)
	@0A				Typ.	Typ.
PSPMAC1265-2R2M-ANP/F	2.2	4	5	15	25	
PSPMAC1265-3R3M-ANP/F	3.3	5	6	12	22	
PSPMAC1265-4R7M-ANP/F	4.7	7.5	9	11	21	
PSPMAC1265-100M-ANP/F	10.0	12	15	8	14	
PSPMAC1265-150M-ANP/F	15.0	16	20.0	7	13	
PSPMAC1265-220M-ANP/F	22.0	27	33	6	12	
PSPMAC1265-330M-ANP/F	33.0	42	52	5	10	
PSPMAC1265-470M-ANP/F	47.0	55	66	4	8	
PSPMAC1265-680M-ANP/F	68.0	90	110	3	6	
PSPMAC1265-101M-ANP/F	100.0	115	138	2.5	5	

©All test Data is referenced to 25°C ambient

©Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

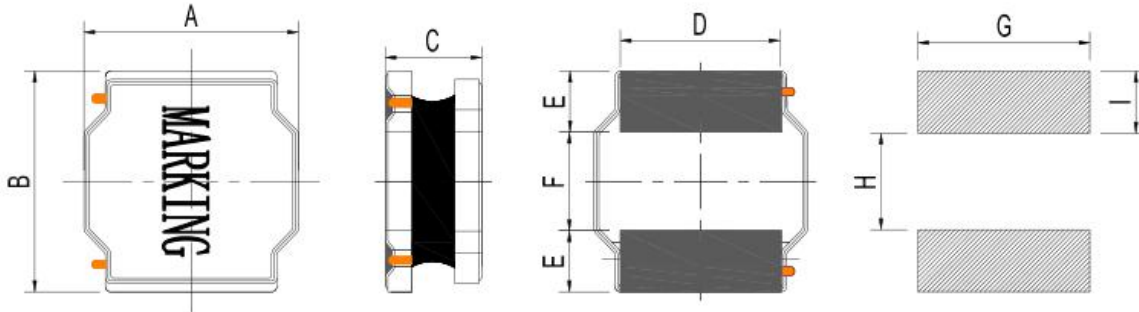
© Typical Saturation DC Current would cause Lo to drop approximately 30%

△ Operating Temperature Range: -25°C to +125°C

PRODUCT: Power Inductor

SERIES: PSPNAQ252010

PACKAGING DIMENSION: [Unit: mm]



A	2.5±0.2
B	2.0±0.2
C	1.0Max
D	1.5±0.2
E	0.8±0.2
F	0.8±0.2
G	2.0
H	0.8
I	0.85

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0 Inductance μH	Tolerance (±%)	DCR(mΩ)		Isat Typ (A)	Irms Typ (A)
			Typ	Max		
PSPNAQ252010-R47N	0.47	30	45	54	3.75	3.03
PSPNAQ252010-R68N	0.68	30	58	72	3.08	2.42
PSPNAQ252010-1R0M	1.00	20	84	110	2.46	1.98
PSPNAQ252010-1R5M	1.50	20	142	174	2.35	1.60
PSPNAQ252010-2R2M	2.20	20	162	199	1.79	1.32
PSPNAQ252010-3R3M	3.30	20	254	312	1.46	1.10
PSPNAQ252010-4R7M	4.70	20	437	536	1.29	0.88
PSPNAQ252010-6R8M	6.80	20	695	854	1.03	0.79
PSPNAQ252010-100M	10.00	20	846	1050	0.87	0.64

⊙testing frequency:100KHz/1V

⊙All test Data is referenced to 20°C ambient

⊙Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

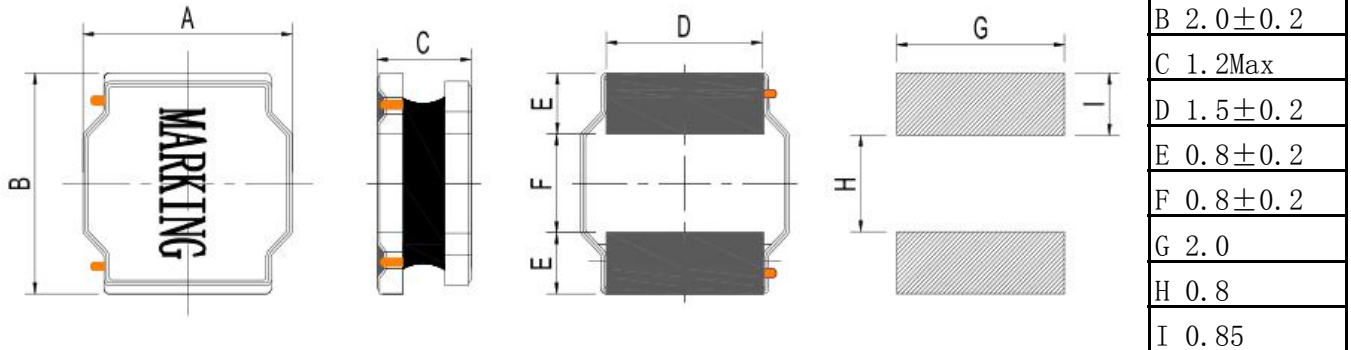
⊙ Typical Saturation DC Current would cause Lo to drop approximately 30%

△ Operating Temperature Range: -40°C ~ +125°C (Self-temperature rise is included)

PRODUCT: Power Inductor

SERIES: PSPNAQ252012

PACKAGING DIMENSION: [Unit: mm]



GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0 Inductance μH	Tolerance (±%)	DCR(mΩ)		Isat Typ (A)	Irms Typ (A)
			Typ	Max		
PSPNAQ252012-R47M	0.47	20	41	45	4.51	3.70
PSPNAQ252012-R68M	0.68	20	72	79	3.84	3.30
PSPNAQ252012-1R0M	1.00	20	83	92	3.36	2.60
PSPNAQ252012-1R5M	1.50	20	110	122	2.81	2.20
PSPNAQ252012-2R2M	2.20	20	130	158	2.32	1.85
PSPNAQ252012-3R3M	3.30	20	196	216	2.02	1.45
PSPNAQ252012-4R7M	4.70	20	299	341	1.48	1.20
PSPNAQ252012-6R8M	6.80	20	438	482	1.22	1.00
PSPNAQ252012-100M	10.00	20	564	621	1.09	0.75
PSPNAQ252012-150M	15.00	20	1200	1320	0.85	0.60
PSPNAQ252012-220M	22.00	20	1480	1640	0.66	0.50

◎testing frequency:100KHz/1V

◎All test Data is referenced to 20°C ambient

◎Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

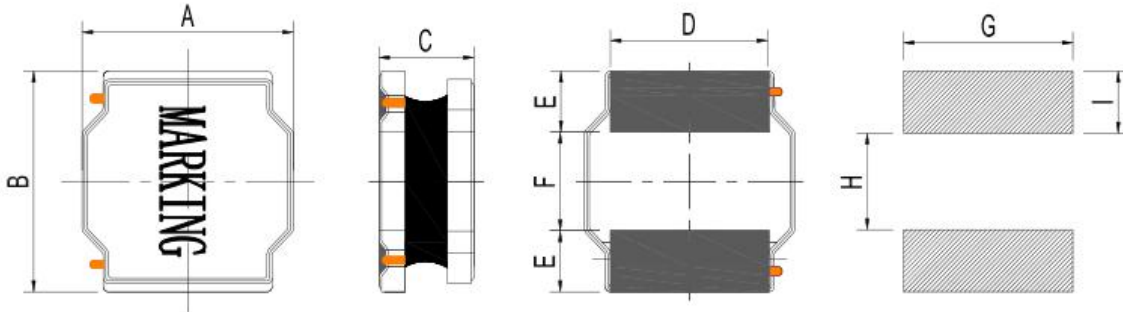
◎ Typical Saturation DC Current would cause Lo to drop approximately 30%

△ Operating Temperature Range: -40°C ~ +125°C (Self-temperature rise is included)

PRODUCT: Power Inductor

SERIES: PSPNAQ3010

PACKAGING DIMENSION: [Unit: mm]



A	3.0±0.2
B	3.0±0.2
C	1.0Max
D	2.5±0.2
E	0.75±0.2
F	1.5±0.2
G	2.7
H	1.5
I	0.8

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	LO Inductance μH	Tolerance (±%)	DCR (mΩ) ±30%	Isat (A)	Irms (A)	Marking
PSPNAQ3010-1R0N	1.00	30	56	1.89	1.81	1R0
PSPNAQ3010-1R5N	1.50	30	68	1.71	1.63	1R5
PSPNAQ3010-2R2N	2.20	30	95	1.55	1.36	2R2
PSPNAQ3010-3R3N	3.30	30	124	1.31	1.20	3R3
PSPNAQ3010-4R7M	4.70	20	193	1.03	0.96	4R7
PSPNAQ3010-6R8M	6.80	20	261	0.89	0.83	6R8
PSPNAQ3010-100M	10.00	20	342	0.78	0.73	100
PSPNAQ3010-120M	12.00	20	432	0.69	0.65	120
PSPNAQ3010-150M	15.00	20	522	0.61	0.59	150
PSPNAQ3010-220M	22.00	20	796	0.48	0.48	220
PSPNAQ3010-330M	33.00	20	1326	0.39	0.38	330
PSPNAQ3010-390M	39.00	20	1497	0.38	0.35	390
PSPNAQ3010-470M	47.00	20	1668	0.30	0.33	470
PSPNAQ3010-510M	51.00	20	1881	0.29	0.31	510
PSPNAQ3010-560M	56.00	20	1984	0.29	0.30	560

◎testing frequency:100KHz/1V

◎All test Data is referenced to 20°C ambient

◎Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

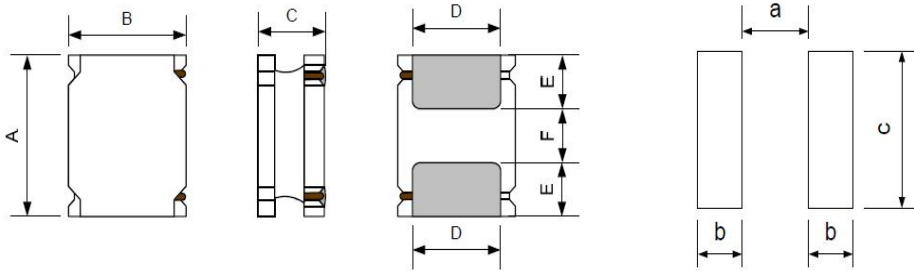
◎ Typical Saturation DC Current would cause Lo to drop approximately 30%

△ Operating Temperature Range: -40°C ~ +125°C (Self-temperature rise is included)

PRODUCT: Power Inductor

SERIES: PSPNAQ3012

PACKAGING DIMENSION: [Unit: mm]



A	3.0±0.2
B	3.0±0.2
C	1.2Max
D	2.5±0.2
E	0.75±0.2
F	1.5±0.2
a	1.5
b	0.8
c	2.7

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	LO Inductance μ H	Tolerance (\pm %)	DCR (m Ω) \pm 30%	Isat	Irms	Min.Self-resonant Frequency (MHz)
				(A)	(A)	S.R.F
PSPNAQ3012-R47N	0.47	30	0.036	2.50	2.84	180
PSPNAQ3012-1R0N	1	30	0.040	2.25	2.53	120
PSPNAQ3012-1R5N	1.5	30	0.045	1.96	2.31	110
PSPNAQ3012-1R8N	1.8	20	0.049	1.83	2.12	90
PSPNAQ3012-2R2N	2.2	20	0.067	1.45	1.78	84
PSPNAQ3012-3R3M	3.3	20	0.089	1.27	1.56	64
PSPNAQ3012-4R7M	4.7	20	0.107	1.09	1.43	61
PSPNAQ3012-6R8M	6.8	20	0.169	0.91	1.13	61
PSPNAQ3012-100M	10	20	0.236	0.72	0.95	42
PSPNAQ3012-120M	12	20	0.307	0.58	0.84	32
PSPNAQ3012-150M	15	20	0.32	0.54	0.82	27
PSPNAQ3012-180M	18	20	0.485	0.52	0.67	25
PSPNAQ3012-220M	22	20	0.574	0.51	0.61	23
PSPNAQ3012-270M	27	20	0.685	0.48	0.56	21
PSPNAQ3012-330M	33	20	0.779	0.44	0.53	18
PSPNAQ3012-360M	36	20	0.846	0.41	0.51	18
PSPNAQ3012-390M	39	20	1.184	0.37	0.43	18
PSPNAQ3012-470M	47	20	1.228	0.32	0.41	14
PSPNAQ3012-560M	56	20	1.228	0.31	0.41	14
PSPNAQ3012-620M	62	20	1.362	0.3	0.4	12
PSPNAQ3012-680M	68	20	1.486	0.29	0.38	12
PSPNAQ3012-820M	82	20	2.261	0.26	0.31	12
PSPNAQ3012-101M	100	20	2.545	0.25	0.29	12

©testing frequency:100KHz/1V

©All test Data is referenced to 20°C ambient

©Typical Heat Rating DC Current would cause an approximately Δ T of 40°C

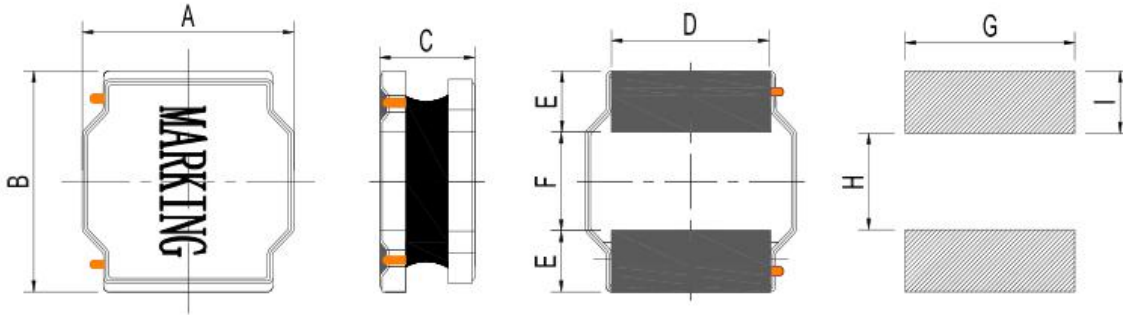
© Typical Saturation DC Current would cause Lo to drop approximately 30%

Δ Operating Temperature Range: -40°C ~ +125°C (Self-temperature rise is included)

PRODUCT: Power Inductor

SERIES: PSPNAE3015

PACKAGING DIMENSION: [Unit: mm]



A	3.0±0.2
B	3.0±0.2
C	1.5Max
D	2.5±0.2
E	0.75±0.2
F	1.5±0.2
G	2.7
H	1.5
I	0.8

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	Lo Inductance μH	Tolerance (±%)	DCR (mΩ) ±30%	Isat (A)	Irms (A)	Marking
PSPNAE3015-1R0N	1.00	30	30	2.32	2.10	1R0
PSPNAE3015-1R5N	1.50	30	50	2.00	1.70	1R5
PSPNAE3015-2R2N	2.20	30	60	1.60	1.60	2R2
PSPNAE3015-3R3M	3.30	20	80	1.32	1.36	3R3
PSPNAE3015-4R7M	4.70	20	125	1.10	1.09	4R7
PSPNAE3015-5R6M	5.60	20	170	1.05	1.00	5R6
PSPNAE3015-6R8M	6.80	20	200	0.85	0.85	6R8
PSPNAE3015-100M	10.00	20	250	0.72	0.77	100
PSPNAE3015-150M	15.00	20	350	0.65	0.65	150
PSPNAE3015-220M	22.00	20	460	0.52	0.57	220
PSPNAE3015-330M	33.00	20	820	0.44	0.42	330
PSPNAE3015-470M	47.00	20	1250	0.35	0.32	470

⊙testing frequency:100KHz/1V

⊙All test Data is referenced to 20°C ambient

⊙Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

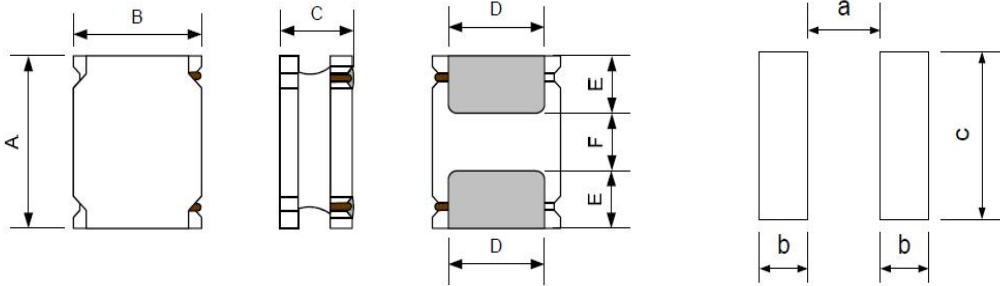
⊙ Typical Saturation DC Current would cause Lo to drop approximately 30%

△ Operating Temperature Range: -40°C ~ +125°C (Self-temperature rise is included)

PRODUCT: Power Inductor

SERIES: PSPNAQ4012

PACKAGING DIMENSION: [Unit: mm]



A	4.0±0.2
B	4.0±0.2
C	1.2Max
D	3.3±0.2
E	0.95±0.2
F	2.1±0.2
a	1.9
b	1.1
c	3.7

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0 Inductance μH	Tolerance (±%)	DCR (mΩ)±30%	Isat	Irms	Min.Self-resonant
						S.R.F
PSPNAQ4012-R82N	0.82	30	0.05	3.53	1.65	150
PSPNAQ4012-1R0N	1	30	0.05	2.61	1.65	120
PSPNAQ4012-1R5N	1.5	30	0.065	2.1	1.46	90
PSPNAQ4012-2R2N	2.2	30	0.08	1.76	1.32	74
PSPNAQ4012-3R3M	3.3	20	0.113	1.4	1.12	60
PSPNAQ4012-4R7M	4.7	20	0.125	1.2	1.05	50
PSPNAQ4012-6R8M	6.8	20	0.198	0.95	0.84	40
PSPNAQ4012-100M	10	20	0.265	0.8	0.77	33
PSPNAQ4012-120M	12	20	0.29	0.66	0.7	32
PSPNAQ4012-150M	15	20	0.34	0.56	0.64	25
PSPNAQ4012-180M	18	20	0.47	0.55	0.55	23
PSPNAQ4012-220M	22	20	0.47	0.54	0.55	20
PSPNAQ4012-270M	27	20	0.72	0.5	0.45	18
PSPNAQ4012-330M	33	20	0.81	0.42	0.42	17
PSPNAQ4012-360M	36	20	0.9	0.4	0.4	14
PSPNAQ4012-390M	39	20	1.1	0.55	0.37	16
PSPNAQ4012-470M	47	20	1.1	0.35	0.37	12
PSPNAQ4012-560M	56	20	1.25	0.33	0.33	11
PSPNAQ4012-680M	68	20	1.46	0.3	0.31	11
PSPNAQ4012-820M	82	20	2.14	0.28	0.26	11
PSPNAQ4012-101M	100	20	2.21	0.25	0.25	9.4

◎testing frequency:100KHz/1V

◎All test Data is referenced to 20°C ambient

◎Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

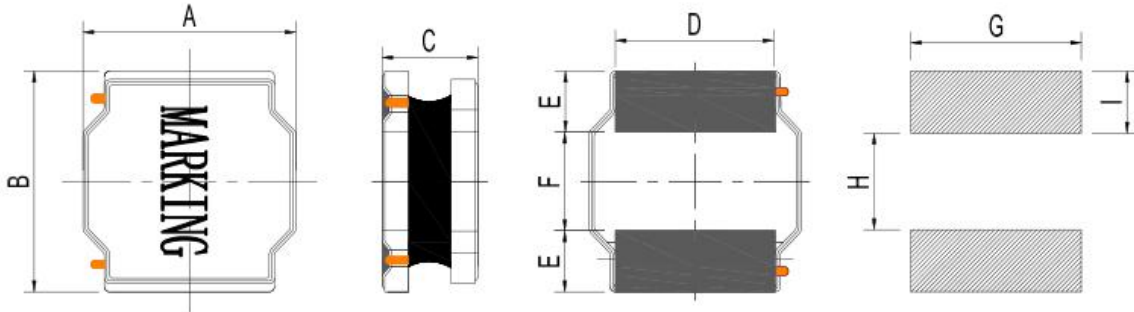
◎ Typical Saturation DC Current would cause Lo to drop approximately 30%

△ Operating Temperature Range: -40°C ~ +125°C (Self-temperature rise is included)

PRODUCT: Power Inductor

SERIES: PSPNAE4018

PACKAGING DIMENSION: [Unit: mm]



A	4.0±0.2
B	4.0±0.2
C	1.8Max
D	3.3±0.2
E	0.95±0.2
F	2.1±0.2
G	3.7
H	1.9
I	1.1

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0 Inductance μH	Tolerance (±%)	DCR (mΩ) ±30%	Isat (A)	Irms (A)	Marking
PSPNAE4018-1R0N	1.00	30	25	4.50	2.50	1R0
PSPNAE4018-1R5N	1.50	30	30	3.35	2.34	1R5
PSPNAE4018-2R2M	2.20	20	44	2.70	2.00	2R2
PSPNAE4018-3R3M	3.30	20	70	2.45	1.90	3R3
PSPNAE4018-4R7M	4.70	20	90	1.70	1.70	4R7
PSPNAE4018-5R6M	5.60	20	103	1.60	1.50	5R6
PSPNAE4018-6R8M	6.80	20	124	1.45	1.30	6R8
PSPNAE4018-8R2M	8.20	20	180	1.40	1.15	8R2
PSPNAE4018-100M	10.00	20	200	1.30	1.10	100
PSPNAE4018-150M	15.00	20	268	0.94	0.92	150
PSPNAE4018-220M	22.00	20	390	0.80	0.80	220
PSPNAE4018-330M	33.00	20	560	0.65	0.60	330
PSPNAE4018-470M	47.00	20	756	0.57	0.50	470

⊙testing frequency:100KHz/1V

⊙All test Data is referenced to 20°C ambient

⊙Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

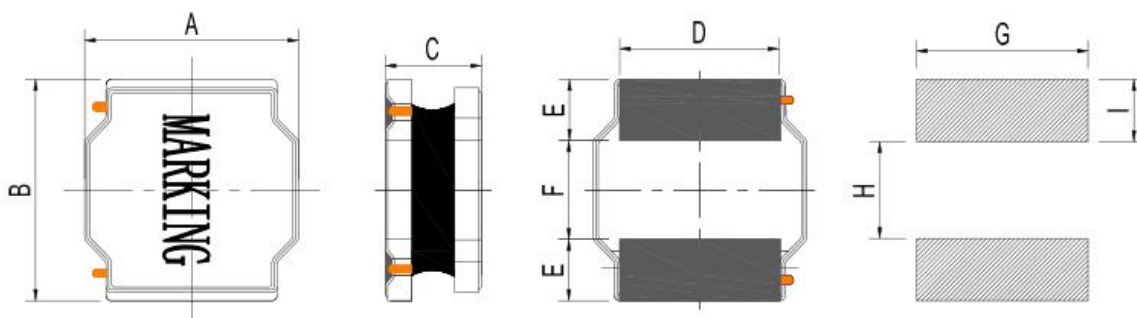
⊙ Typical Saturation DC Current would cause Lo to drop approximately 30%

Δ Operating Temperature Range: -40°C ~ +125°C (Self-temperature rise is included)

PRODUCT: Power Inductor

SERIES: PSPNAE4020

PACKAGING DIMENSION: [Unit: mm]



A	4.0±0.2
B	4.0±0.2
C	2.1Max
D	3.3±0.2
E	0.95±0.2
F	2.1±0.2
G	3.7
H	1.9
I	1.1

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0 Inductance μH	Tolerance (±%)	DCR (mΩ) ±30%	Isat (A)	Irms (A)	Marking
PSPNAE4020-1R0N	1	30	28	5.10	2.15	1R0
PSPNAE4020-1R2N	1.2	30	29	4.70	2.10	1R2
PSPNAE4020-1R5N	1.5	30	35	4.45	1.98	1R5
PSPNAE4020-2R2M	2.2	20	40	3.40	1.85	2R2
PSPNAE4020-3R3M	3.3	20	70	3.20	1.40	3R3
PSPNAE4020-4R7M	4.7	20	80	2.35	1.34	4R7
PSPNAE4020-5R6M	5.6	20	95	2.20	1.22	5R6
PSPNAE4020-6R8M	6.8	20	125	2.00	1.04	6R8
PSPNAE4020-8R2M	8.2	20	150	1.75	1.00	8R2
PSPNAE4020-100M	10	20	165	1.60	0.90	100
PSPNAE4020-120M	12	20	175	1.50	0.88	120
PSPNAE4020-150M	15	20	230	1.35	0.77	150
PSPNAE4020-220M	22	20	350	1.05	0.62	220
PSPNAE4020-330M	33	20	500	0.85	0.49	330
PSPNAE4020-470M	47	20	710	0.74	0.44	470
PSPNAE4020-680M	68	20	1250	0.60	0.35	680

◎testing frequency:100KHz/1V

◎All test Data is referenced to 20°C ambient

◎Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

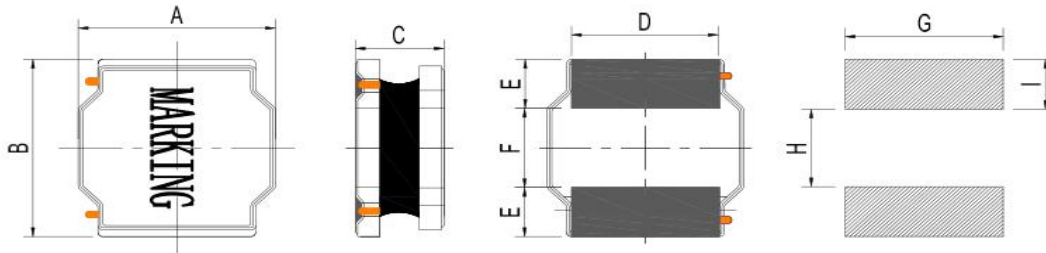
◎ Typical Saturation DC Current would cause Lo to drop approximately 30%

△ Operating Temperature Range: -40°C ~ +125°C (Self-temperature rise is included)

PRODUCT: Power Inductor

SERIES: PSPNAE4030

PACKAGING DIMENSION: [Unit: mm]



A	4.0±0.2
B	4.0±0.2
C	3.0Max
D	3.3±0.2
E	0.95±0.2
F	2.1±0.2
G	3.7
H	1.9
I	1.1

GENERAL SPECIFICATIONS:

RoHS COMPLIANT

P/N	L0 Inductance μ H	Tolerance ($\pm\%$)	DCR ($m\Omega$) $\pm 30\%$	Isat (A)	Irms (A)	Marking
PSPNAE4030-1R0N	1	30	15	5.90	3.40	1R0
PSPNAE4030-1R5N	1.5	30	25	4.85	3.30	1R5
PSPNAE4030-2R2M	2.2	20	35	4.10	2.95	2R2
PSPNAE4030-3R3M	3.3	20	40	3.30	2.40	3R3
PSPNAE4030-3R9M	3.9	20	57	3.00	2.10	3R9
PSPNAE4030-4R7M	4.7	20	60	2.90	2.00	4R7
PSPNAE4030-5R6M	5.6	20	70	2.75	1.95	5R6
PSPNAE4030-6R8M	6.8	20	75	2.60	1.70	6R8
PSPNAE4030-7R5M	7.5	20	90	2.20	1.65	7R5
PSPNAE4030-8R2M	8.2	20	100	2.10	1.60	8R2
PSPNAE4030-100M	10	20	115	1.95	1.50	100
PSPNAE4030-120M	12	20	140	1.70	1.35	120
PSPNAE4030-150M	15	20	190	1.65	1.15	150
PSPNAE4030-180M	18	20	215	1.40	1.10	180
PSPNAE4030-220M	22	20	225	1.30	1.00	220
PSPNAE4030-330M	33	20	330	1.10	0.84	330
PSPNAE4030-470M	47	20	500	0.90	0.72	470
PSPNAE4030-560M	56	20	560	0.85	0.65	560
PSPNAE4030-680M	68	20	750	0.75	0.55	680
PSPNAE4030-820M	82	20	950	0.68	0.50	820
PSPNAE4030-101M	100	20	1150	0.60	0.45	101
PSPNAE4030-151M	150	20	2350	0.50	0.35	151

©testing frequency:100KHz/1V

©All test Data is referenced to 20°C ambient

©Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

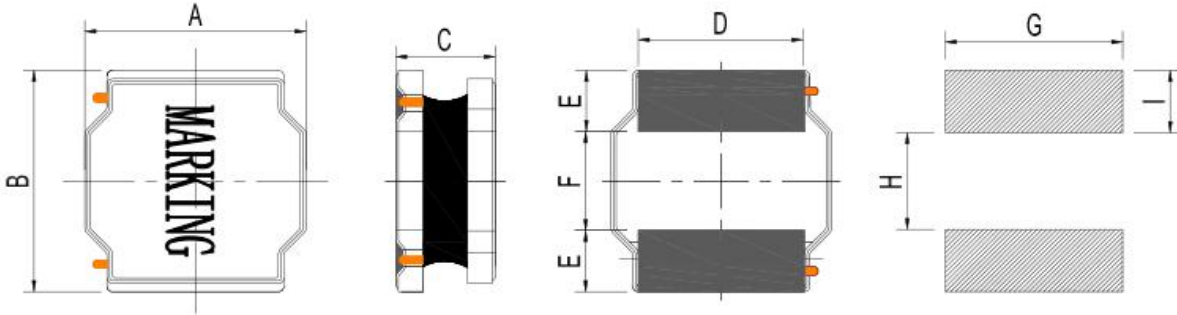
© Typical Saturation DC Current would cause Lo to drop approximately 30%

Δ Operating Temperature Range: -40°C ~ +125°C (Self-temperature rise is included)

PRODUCT: Power Inductor

SERIES: PSPNAE5020

PACKAGING DIMENSION: [Unit: mm]



A	5.0±0.2
B	5.0±0.2
C	2.0Max
D	4.0±0.2
E	1.25±0.2
F	2.5±0.2
G	4.2
H	2.3
I	1.4

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0 Inductance μH	Tolerance (±%)	DCR (mΩ) ±30%	Isat (A)	Irms (A)	Marking
PSPNAE5020-1R0N	1	30	20	4.33	3.70	1R0
PSPNAE5020-1R5N	1.5	30	26	4.10	3.20	1R5
PSPNAE5020-2R2N	2.2	30	38	3.85	2.90	2R2
PSPNAE5020-3R3N	3.3	30	46	3.25	2.40	3R3
PSPNAE5020-4R7M	4.7	20	65	2.40	2.05	4R7
PSPNAE5020-6R8M	6.8	20	92	2.10	1.70	6R8
PSPNAE5020-8R2M	8.2	20	100	1.90	1.60	8R2
PSPNAE5020-100M	10	20	125	1.80	1.50	100
PSPNAE5020-150M	15	20	180	1.44	1.25	150
PSPNAE5020-220M	22	20	250	1.18	1.05	220
PSPNAE5020-330M	33	20	370	0.97	0.83	330
PSPNAE5020-470M	47	20	560	0.81	0.70	470

◎testing frequency:100KHz/1V

◎All test Data is referenced to 20°C ambient

◎Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

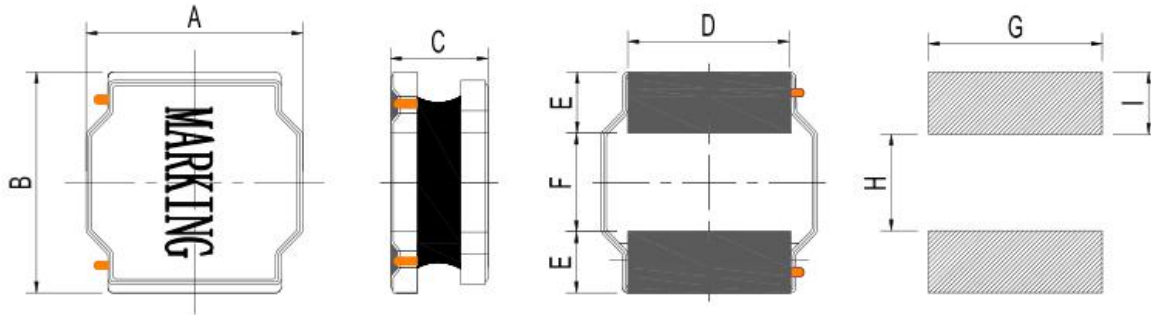
◎ Typical Saturation DC Current would cause Lo to drop approximately 30%

△ Operating Temperature Range: -40°C ~ +125°C (Self-temperature rise is included)

PRODUCT: Power Inductor

SERIES: PSPNAE5040

PACKAGING DIMENSION: [Unit: mm]



A	5.0±0.2
B	5.0±0.2
C	4.0Max
D	4.0±0.2
E	1.25±0.2
F	2.5±0.2
G	4.2
H	2.3
I	1.4

GENERAL SPECIFICATIONS:

RoHS
COMPLIANT

P/N	L0 Inductance μH	Tolerance (±%)	DCR(mΩ) ±30%	Isat (A)	Irms (A)	Marking
PSPNAE5040-1R0N	1	30	13	7.35	4.90	1R0
PSPNAE5040-1R5N	1.5	30	15	6.30	4.30	1R5
PSPNAE5040-2R2N	2.2	30	19	4.90	3.80	2R2
PSPNAE5040-2R7N	2.7	30	22	4.30	3.60	2R7
PSPNAE5040-3R3N	3.3	30	24	3.95	3.40	3R3
PSPNAE5040-3R9N	3.9	30	27	3.55	3.20	3R9
PSPNAE5040-4R7N	4.7	30	30	3.50	3.00	4R7
PSPNAE5040-5R6M	5.6	20	33	3.20	2.80	5R6
PSPNAE5040-6R8M	6.8	20	43	2.90	2.50	6R8
PSPNAE5040-100M	10	20	64	2.35	2.10	100
PSPNAE5040-150M	15	20	86	2.00	2.00	150
PSPNAE5040-220M	22	20	129	1.60	1.50	220
PSPNAE5040-270M	27	20	165	1.50	1.30	270
PSPNAE5040-330M	33	20	188	1.30	1.20	330
PSPNAE5040-470M	47	20	270	1.10	1.00	470
PSPNAE5040-680M	68	20	400	0.90	0.80	680
PSPNAE5040-101M	100	20	560	0.75	0.70	101

◎testing frequency:100KHz/1V

◎All test Data is referenced to 20°C ambient

◎Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

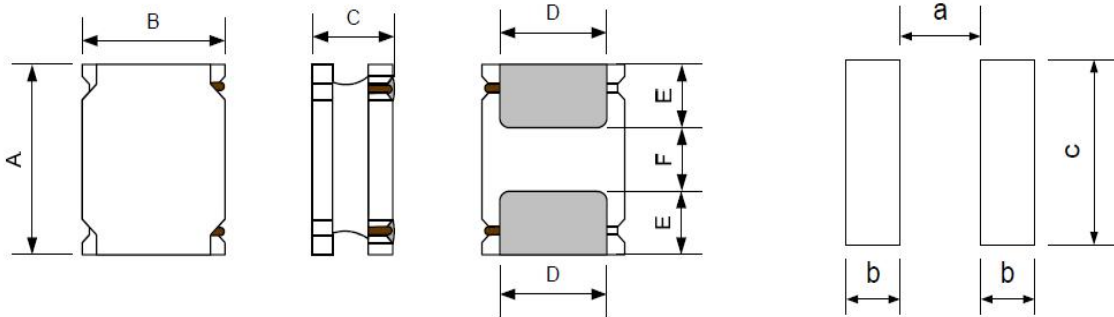
◎ Typical Saturation DC Current would cause Lo to drop approximately 30%

△ Operating Temperature Range: -40°C ~ +125°C (Self-temperature rise is included)

PRODUCT: Power Inductor

SERIES: PSPNAQ6012

PACKAGING DIMENSION: [Unit: mm]



A	6.0±0.3
B	6.0±0.3
C	1.2Max
D	4.9±0.3
E	1.55±0.3
F	2.9±0.3
a	2.8
b	1.7
c	5.7

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0 Inductance μH	Tolerance (±%)	DCR (mΩ)±30%	Isat	Irms	Min.Self-resonant
						S.R.F
P-PNAQ6012-1R0N	1	30	0.087	3.5	2.5	61
P-PNAQ6012-2R2N	2.2	30	0.102	2.6	2.1	61
P-PNAQ6012-3R3N	3.3	30	0.139	2.3	1.9	56
P-PNAQ6012-4R7M	4.7	20	0.187	1.85	1.5	51
P-PNAQ6012-6R8M	6.8	20	0.221	1.6	1.2	46
P-PNAQ6012-100M	10	20	0.366	1.4	1.1	44
P-PNAQ6012-150M	15	20	0.56	1	0.65	41
P-PNAQ6012-220M	22	20	0.867	0.8	0.6	36

⊙testing frequency:100KHz/1V

⊙All test Data is referenced to 20°C ambient

⊙Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

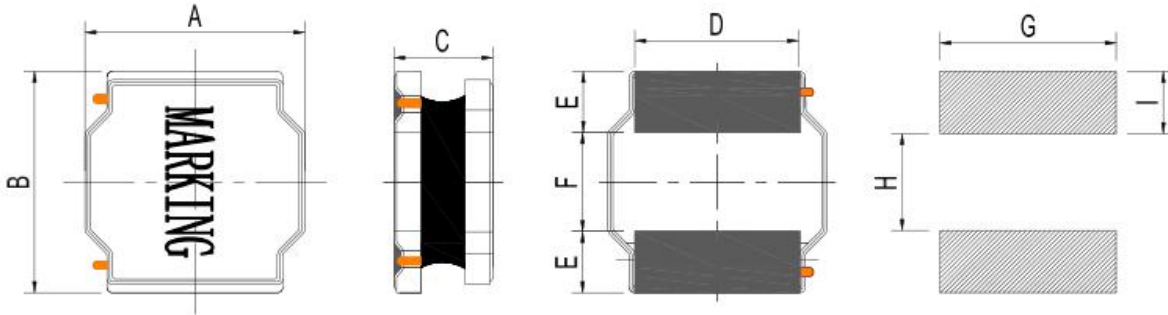
⊙ Typical Saturation DC Current would cause Lo to drop approximately 30%

△ Operating Temperature Range: -40°C ~ +125°C (Self-temperature rise is included)

PRODUCT: Power Inductor

SERIES: PSPNAE6020

PACKAGING DIMENSION: [Unit: mm]



A	6.0±0.2
B	6.0±0.2
C	2.8Max
D	4.9±0.2
E	1.7±0.2
F	2.9±0.2
G	5.7
H	2.8
I	1.7

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0 Inductance μH	Tolerance (±%)	DCR (mΩ) ±30%	Isat (A)	Irms (A)	Marking
PSPNAE6020-1R0N	1	30	20	4.30	3.50	1R0
PSPNAE6020-1R5N	1.5	30	25	4.25	3.20	1R5
PSPNAE6020-2R2N	2.2	30	35	3.75	2.75	2R2
PSPNAE6020-3R3N	3.3	30	45	3.15	2.60	3R3
PSPNAE6020-4R7N	4.7	30	58	3.00	2.00	4R7
PSPNAE6020-5R6M	5.6	20	70	2.40	1.90	5R6
PSPNAE6020-6R8M	6.8	20	85	2.20	1.80	6R8
PSPNAE6020-100M	10	20	120	1.75	1.40	100
PSPNAE6020-150M	15	20	160	1.50	1.20	150
PSPNAE6020-220M	22	20	240	1.25	1.00	220
PSPNAE6020-270M	27	20	350	1.15	0.95	270
PSPNAE6020-330M	33	20	400	1.10	0.90	330
PSPNAE6020-470M	47	20	500	1.00	0.80	470

◎testing frequency:100KHz/1V

◎All test Data is referenced to 20°C ambient

◎Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

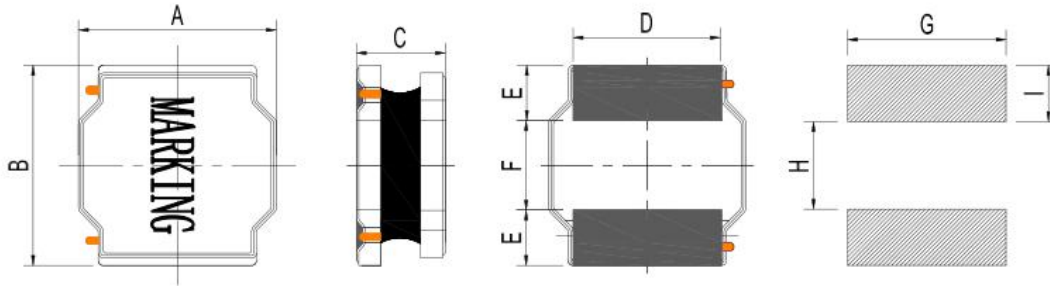
◎ Typical Saturation DC Current would cause Lo to drop approximately 30%

△ Operating Temperature Range: -40°C ~ +125°C (Self-temperature rise is included)

PRODUCT: Power Inductor

SERIES: PSPNAE6028

PACKAGING DIMENSION: [Unit: mm]



A	6.0±0.2
B	6.0±0.2
C	2.8Max
D	4.9±0.2
E	1.7±0.2
F	2.9±0.2
G	5.7
H	2.8
I	1.7

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0 Inductance μH	Tolerance (±%)	DCR (mΩ) ±30%	Isat (A)	Irms (A)	Marking
PSPNAE6028-1R0N	1	30	12	6.70	4.60	1R0
PSPNAE6028-1R5N	1.5	30	16	6.00	4.30	1R5
PSPNAE6028-2R2N	2.2	30	20	5.10	3.75	2R2
PSPNAE6028-3R3N	3.3	30	25	3.63	3.40	3R3
PSPNAE6028-4R7N	4.7	30	33	3.00	3.00	4R7
PSPNAE6028-5R6N	5.6	30	45	2.80	2.45	5R6
PSPNAE6028-6R8M	6.8	20	56	2.60	2.40	6R8
PSPNAE6028-8R2M	8.2	20	68	2.40	2.25	8R2
PSPNAE6028-100M	10	20	78	2.05	1.90	100
PSPNAE6028-120M	12	20	88	1.80	1.70	120
PSPNAE6028-150M	15	20	125	1.75	1.50	150
PSPNAE6028-180M	18	20	130	1.55	1.45	180
PSPNAE6028-220M	22	20	140	1.45	1.40	220
PSPNAE6028-270M	27	20	180	1.40	1.30	270
PSPNAE6028-330M	33	20	220	1.35	1.10	330
PSPNAE6028-390M	39	20	225	1.25	1.10	390
PSPNAE6028-470M	47	20	280	1.15	1.05	470
PSPNAE6028-680M	68	20	420	0.95	0.85	680
PSPNAE6028-820M	82	20	550	0.80	0.70	820
PSPNAE6028-101M	100	20	670	0.65	0.60	101

©testing frequency:100KHz/1V

©All test Data is referenced to 20°C ambient

©Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

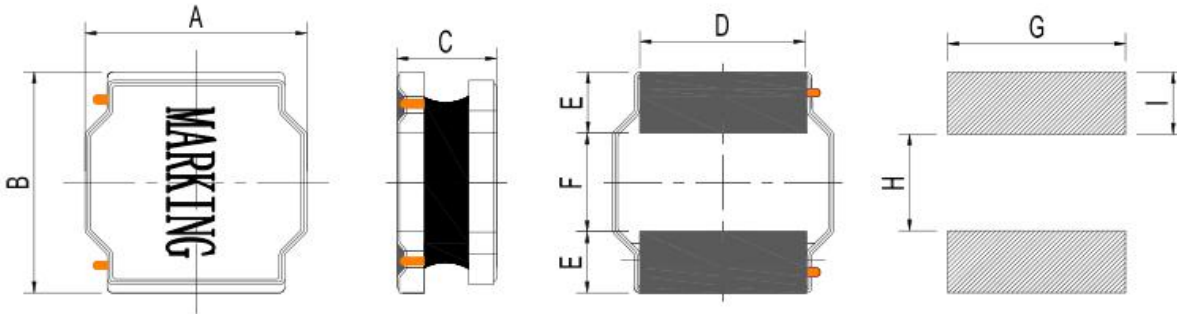
© Typical Saturation DC Current would cause Lo to drop approximately 30%

△ Operating Temperature Range: -40°C ~ +125°C (Self-temperature rise is included)

PRODUCT: Power Inductor

SERIES: PSPNAE6045

PACKAGING DIMENSION: [Unit: mm]



A	6.0±0.3
B	6.0±0.3
C	4.5Max
D	4.9±0.3
E	1.55±0.3
F	2.9±0.3
G	5.7
H	2.8
I	1.7

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0 Inductance μH	Tolerance (±%)	DCR (mΩ) ±30%	Isat (A)	Irms (A)	Marking
PSPNAE6045-R82N	0.82	30	8	10.40	5.90	R82
PSPNAE6045-1R0N	1	30	11	9.85	5.14	1R0
PSPNAE6045-1R2N	1.2	30	10	8.35	5.40	1R2
PSPNAE6045-1R5N	1.5	30	12	8.80	4.95	1R5
PSPNAE6045-1R8N	1.8	30	12	7.60	4.95	1R8
PSPNAE6045-2R2N	2.2	30	14	6.75	4.60	2R2
PSPNAE6045-2R3N	2.3	30	14	6.00	3.50	2R3
PSPNAE6045-2R7N	2.7	30	15	5.75	4.30	2R7
PSPNAE6045-3R0N	3	30	20	5.60	3.80	3R0
PSPNAE6045-3R3N	3.3	30	21	5.90	3.70	3R3
PSPNAE6045-3R6N	3.6	30	21	5.25	3.70	3R6
PSPNAE6045-4R3M	4.3	20	23	4.45	3.50	4R3
PSPNAE6045-4R7M	4.7	20	26	4.97	3.30	4R7
PSPNAE6045-5R1M	5.1	20	26	4.40	3.30	5R1
PSPNAE6045-5R6M	5.6	20	29	4.15	3.15	5R6
PSPNAE6045-6R2M	6.2	20	31	4.43	3.00	6R2
PSPNAE6045-6R8M	6.8	20	31	3.90	3.00	6R8
PSPNAE6045-7R5M	7.5	20	34	3.50	2.90	7R5
PSPNAE6045-8R2M	8.2	20	43	3.90	2.60	8R2
PSPNAE6045-9R1M	9.1	20	43	3.35	2.60	9R1
PSPNAE6045-100M	10	20	48	3.20	2.45	100
PSPNAE6045-120M	12	20	58	2.80	2.20	120
PSPNAE6045-150M	15	20	68	2.50	2.05	150
PSPNAE6045-180M	18	20	81	2.20	1.85	180
PSPNAE6045-220M	22	20	89	2.05	1.80	220
PSPNAE6045-270M	27	20	102	1.90	1.65	270
PSPNAE6045-300M	30	20	132	1.70	1.50	300
PSPNAE6045-330M	33	20	137	1.65	1.45	330
PSPNAE6045-360M	36	20	173	1.62	1.40	360
PSPNAE6045-390M	39	20	180	1.50	1.25	390
PSPNAE6045-430M	43	20	200	1.63	1.20	430
PSPNAE6045-470M	47	20	200	1.40	1.20	470

◎testing frequency:100KHz/1V

◎All test Data is referenced to 20°C ambient

◎Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

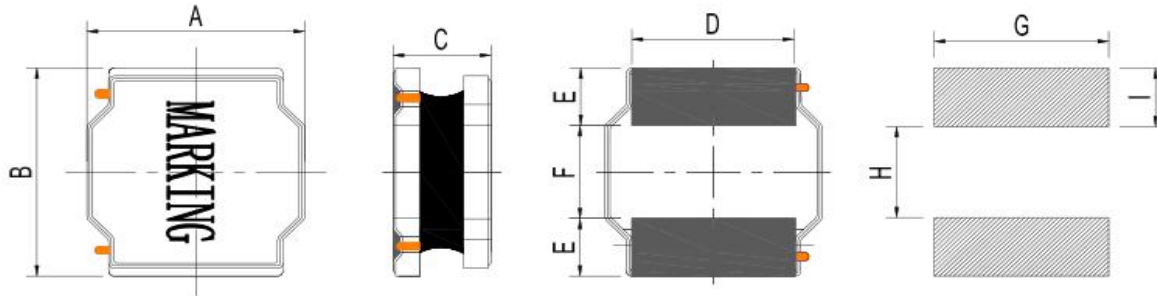
◎ Typical Saturation DC Current would cause Lo to drop approximately 30%

△ Operating Temperature Range: -40°C ~ +125°C (Self-temperature rise is included)

PRODUCT: Power Inductor

SERIES: PSPNAE8040

PACKAGING DIMENSION: [Unit: mm]



A	8.0±0.3
B	8.0±0.3
C	4.2Max
D	6.3±0.3
E	2.2±0.3
F	4.0±0.3
G	7.5
H	3.8
I	2.2

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0 Inductance μH	Tolerance (±%)	DCR (mΩ) ±30%	Isat (A)	Irms (A)	Marking
PSPNAE8040-R56N	0.56	30	5	11.50	7.60	R56
PSPNAE8040-1R0N	1	30	8	9.85	6.30	1R0
PSPNAE8040-1R5N	1.5	30	10	8.15	5.65	1R5
PSPNAE8040-2R2N	2.2	30	12	7.10	5.15	2R2
PSPNAE8040-3R3N	3.3	30	17	6.50	4.40	3R3
PSPNAE8040-4R7N	4.7	30	20	5.90	4.00	4R7
PSPNAE8040-5R6N	5.6	30	24	5.50	3.80	5R6
PSPNAE8040-6R8M	6.8	20	28	4.55	3.60	6R8
PSPNAE8040-8R2M	8.2	20	35	4.20	3.40	8R2
PSPNAE8040-100M	10	20	37	3.60	3.10	100
PSPNAE8040-150M	15	20	56	2.95	2.50	150
PSPNAE8040-220M	22	20	74	2.40	2.00	220
PSPNAE8040-330M	33	20	100	2.05	1.70	330
PSPNAE8040-470M	47	20	158	1.75	1.50	470
PSPNAE8040-680M	68	20	196	1.45	1.20	680
PSPNAE8040-101M	100	20	295	1.15	1.00	101
PSPNAE8040-151M	150	20	470	1.10	0.80	151
PSPNAE8040-181M	180	20	610	0.90	0.75	181
PSPNAE8040-221M	220	20	660	0.85	0.70	221
PSPNAE8040-331M	330	20	970	0.68	0.55	331
PSPNAE8040-471M	470	20	1400	0.60	0.48	471

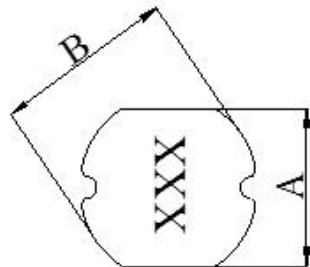
©testing frequency:100KHz/1V

©All test Data is referenced to 20°C ambient

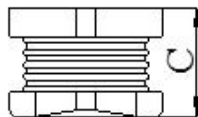
©Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

© Typical Saturation DC Current would cause Lo to drop approximately 30%

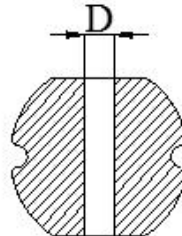
△ Operating Temperature Range: -40°C ~ +125°C (Self-temperature rise is included)

PRODUCT: Power Inductor
SERIES: PSPCAQ32
PACKAGING DIMENSION: [Unit: mm]


Top View



Front View



Bottom View

A:	3.0±0.3
B:	3.5±0.3
C:	2.1±0.3
D:	1.0Typ

GENERAL SPECIFICATIONS:
**RoHS
COMPLIANT**

P/N	L Inductance μH	DCR(Ω) 【Max】	Rated Current (A)	Marking
PSPCAQ32-1R0M	1.0	0.07	2.080	1R0
PSPCAQ32-1R4M	1.4	0.09	1.860	1R4
PSPCAQ32-1R8M	1.8	0.11	1.800	1R8
PSPCAQ32-2R2M	2.2	0.13	1.390	2R2
PSPCAQ32-2R7M	2.7	0.14	1.320	2R7
PSPCAQ32-3R3M	3.3	0.17	1.250	3R3
PSPCAQ32-3R9M	3.9	0.19	1.200	3R9
PSPCAQ32-4R7M	4.7	0.21	1.130	4R7
PSPCAQ32-5R6M	5.6	0.22	0.910	5R6
PSPCAQ32-6R8M	6.8	0.25	0.850	6R8
PSPCAQ32-8R2M	8.2	0.28	0.820	8R2
PSPCAQ32-100M	10.0	0.32	0.740	100
PSPCAQ32-120M	12.0	0.35	0.640	120
PSPCAQ32-150M	15.0	0.40	0.600	150
PSPCAQ32-180M	18.0	0.48	0.540	180
PSPCAQ32-220M	22.0	0.58	0.500	220
PSPCAQ32-270M	27.0	0.65	0.430	270
PSPCAQ32-330M	33.0	0.80	0.400	330
PSPCAQ32-390M	39.0	0.90	0.370	390

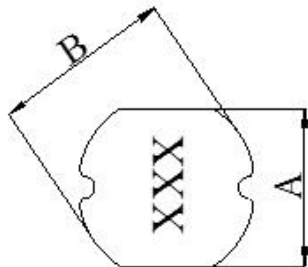
PSPCAQ32-470M	47.0	1.19	0.360	470
PSPCAQ32-500M	50.0	1.22	0.330	500
PSPCAQ32-560M	56.0	1.27	0.310	560
PSPCAQ32-680M	68.0	1.73	0.300	680
PSPCAQ32-750M	75.0	1.90	0.290	750
PSPCAQ32-820M	82.0	1.99	0.280	820
PSPCAQ32-101M	100.0	2.52	0.250	101
PSPCAQ32-121M	120.0	2.90	0.200	121
PSPCAQ32-151M	150.0	3.36	0.190	151
PSPCAQ32-181M	180.0	5.10	0.170	181
PSPCAQ32-221M	220.0	5.80	0.160	221
PSPCAQ32-271M	270.0	7.80	0.140	271
PSPCAQ32-301M	300.0	8.10	0.135	301
PSPCAQ32-331M	330.0	9.24	0.130	331
PSPCAQ32-391M	390.0	10.14	0.120	391
PSPCAQ32-461M	460.0	11.15	0.090	461
PSPCAQ32-471M	470.0	11.48	0.084	471
PSPCAQ32-561M	560.0	19.49	0.080	561

©All test Data is referenced to 20°C ambient

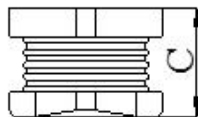
©Tolerance:K=±10%, M=±20%

©This indicates the value of current when the inductance is 10% lower than its initial value at D.C superposition or D.C current when at $\Delta t=40^\circ$ whichever is lower

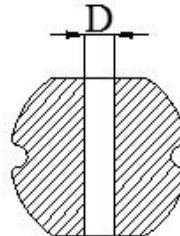
△ Operating Temperature Range: -40°C to +105°C

PRODUCT: Power Inductor
SERIES: PSPCAQ43
PACKAGING DIMENSION: [Unit: mm]


Top View



Front View



Bottom View

A:	4.0±0.3
B:	4.5±0.3
C:	3.2±0.3
D:	1.2Typ

GENERAL SPECIFICATIONS:
**RoHS
COMPLIANT**

P/N	L Inductance μH	DCR(Ω) 【Max】	Rated Current (A)	Marking
PSPCAQ43-R15M	0.15	0.0085	7.50	R15
PSPCAQ43-1R0M	1.0	0.033	3.80	1R0
PSPCAQ43-1R4M	1.4	0.038	3.30	1R4
PSPCAQ43-1R8M	1.8	0.042	2.91	1R8
PSPCAQ43-2R2M	2.2	0.047	2.60	2R2
PSPCAQ43-2R7M	2.7	0.052	2.43	2R7
PSPCAQ43-3R3M	3.3	0.058	2.15	3R3
PSPCAQ43-3R9M	3.9	0.076	1.98	3R9
PSPCAQ43-4R7M	4.7	0.094	1.70	4R7
PSPCAQ43-5R6M	5.6	0.101	1.60	5R6
PSPCAQ43-6R8M	6.8	0.117	1.41	6R8
PSPCAQ43-8R2M	8.2	0.132	1.26	8R2
PSPCAQ43-100M	10.0	0.182	1.15	100
PSPCAQ43-120M	12.0	0.210	1.05	120
PSPCAQ43-150M	15.0	0.235	0.92	150
PSPCAQ43-180M	18.0	0.338	0.84	180

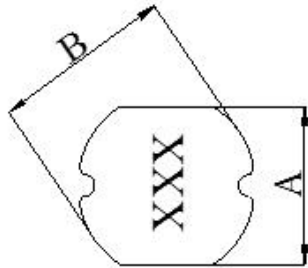
PSPCAQ43-220M	22.0	0.378	0.76	220
PSPCAQ43-270M	27.0	0.522	0.71	270
PSPCAQ43-330M	33.0	0.540	0.64	330
PSPCAQ43-390M	39.0	0.587	0.59	390
PSPCAQ43-470M	47.0	0.844	0.54	470
PSPCAQ43-560M	56.0	0.937	0.50	560
PSPCAQ43-680M	68.0	1.117	0.46	680
PSPCAQ43-101M	100.0	2.000	0.40	101
PSPCAQ43-121M	120.0	1.800	0.38	121
PSPCAQ43-151M	150.0	2.800	0.30	151
PSPCAQ43-181M	180.0	3.200	0.25	181
PSPCAQ43-221M	220.0	4.000	0.15	221
PSPCAQ43-331M	330.0	5.850	0.21	331

◎All test Data is referenced to 20°C ambient

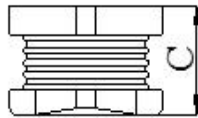
◎Tolerance:K=±10%, M=±20%

◎This indicates the value of current when the inductance is 10% lower than is initial value at D.C superposition or D.C current when at $\Delta t=40^\circ$ whichever is lower

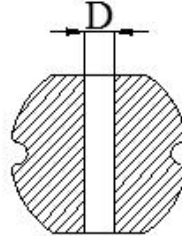
△ Operating Temperature Range: -40°C to +105°C

PRODUCT: Power Inductor
SERIES: PSPCAQ54
PACKAGING DIMENSION: [Unit: mm]


Top View



Front View



Bottom View

A:	5.2±0.3
B:	5.8±0.3
C:	4.5±0.3
D:	1.3Typ

GENERAL SPECIFICATIONS:
**RoHS
COMPLIANT**

P/N	L Inductance μH	DCR(Ω) 【Max】	Rated Current (A)	Marking
PSPCAQ54-1R0M	1.0	0.015	5.00	1R0
PSPCAQ54-1R5M	1.5	0.017	4.65	1R5
PSPCAQ54-1R8M	1.8	0.020	4.10	1R8
PSPCAQ54-2R2M	2.2	0.027	3.50	2R2
PSPCAQ54-2R7M	2.7	0.029	3.40	2R7
PSPCAQ54-3R3M	3.3	0.035	3.60	3R3
PSPCAQ54-3R9M	3.9	0.036	3.00	3R9
PSPCAQ54-4R7M	4.7	0.045	2.50	4R7
PSPCAQ54-5R6M	5.6	0.046	2.30	5R6
PSPCAQ54-6R8M	6.8	0.055	2.10	6R8
PSPCAQ54-8R2M	8.2	0.056	2.00	8R2
PSPCAQ54-100M	10.0	0.100	1.44	100
PSPCAQ54-120M	12.0	0.120	1.40	120
PSPCAQ54-150M	15.0	0.140	1.30	150
PSPCAQ54-180M	18.0	0.150	1.23	180
PSPCAQ54-220M	22.0	0.180	1.11	220
PSPCAQ54-270M	27.0	0.200	0.97	270
PSPCAQ54-330M	33.0	0.230	0.88	330
PSPCAQ54-390M	39.0	0.320	0.80	390

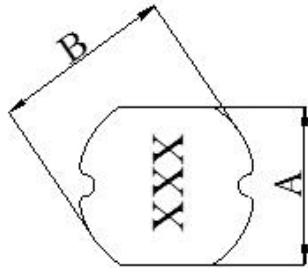
PSPCAQ54-470M	47.0	0.370	0.72	470
PSPCAQ54-560M	56.0	0.420	0.68	560
PSPCAQ54-680M	68.0	0.460	0.61	680
PSPCAQ54-820M	82.0	0.600	0.58	820
PSPCAQ54-101M	100.0	0.700	0.52	101
PSPCAQ54-121M	120.0	0.930	0.48	121
PSPCAQ54-151M	150.0	1.100	0.40	151
PSPCAQ54-181M	180.0	1.380	0.38	181
PSPCAQ54-221M	220.0	1.570	0.35	221
PSPCAQ54-271M	270.0	1.850	0.29	271
PSPCAQ54-331M	330.0	2.000	0.28	331
PSPCAQ54-391M	390.0	2.600	0.26	391
PSPCAQ54-471M	470.0	3.000	0.12	471
PSPCAQ54-561M	560.0	4.190	0.10	561
PSPCAQ54-681M	680.0	4.440	0.08	681
PSPCAQ54-821M	820.0	5.120	0.05	821
PSPCAQ54-102M	1000.0	10.000	0.03	102

◎All test Data is referenced to 20°C ambient

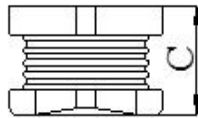
◎Tolerance:K=±10%, M=±20%

◎This indicates the value of current when the inductance is 10% lower than its initial value at D.C superposition or D.C current when at $\Delta t=40^\circ$ whichever is lower

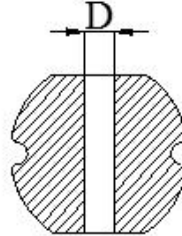
△ Operating Temperature Range: -40°C to +105°C

PRODUCT: Power Inductor
SERIES: PSPCAQ75
PACKAGING DIMENSION: [Unit: mm]


Top View



Front View



Bottom View

A:	7.0±0.3
B:	7.8±0.3
C:	5.0±0.3
D:	2.1Typ

GENERAL SPECIFICATIONS:
**RoHS
COMPLIANT**

P/N	L Inductance μH	DCR(Ω) 【Max】	Rated Current (A)	Marking
PSPCAQ75-1R4M	1.4	0.02	3.70	1R4
PSPCAQ75-1R8M	1.8	0.02	3.70	1R8
PSPCAQ75-2R7M	2.7	0.02	3.70	2R7
PSPCAQ75-3R9M	3.9	0.03	3.70	3R9
PSPCAQ75-4R7M	4.7	0.04	3.50	4R7
PSPCAQ75-5R6M	5.6	0.04	3.30	5R6
PSPCAQ75-6R8M	6.8	0.04	3.10	6R8
PSPCAQ75-8R2M	8.2	0.05	2.70	8R2
PSPCAQ75-100M	10.0	0.07	2.30	100
PSPCAQ75-120M	12.0	0.08	2.00	120
PSPCAQ75-150M	15.0	0.09	1.80	150
PSPCAQ75-180M	18.0	0.10	1.60	180
PSPCAQ75-220M	22.0	0.11	1.50	220
PSPCAQ75-270M	27.0	0.12	1.30	270
PSPCAQ75-330M	33.0	0.13	1.20	330
PSPCAQ75-390M	39.0	0.16	1.10	390

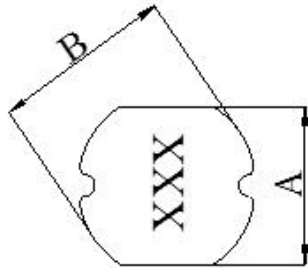
PSPCAQ75-470M	47.0	0.18	1.10	470
PSPCAQ75-560M	56.0	0.24	0.94	560
PSPCAQ75-680M	68.0	0.28	0.85	680
PSPCAQ75-820M	82.0	0.37	0.78	820
PSPCAQ75-101M	100.0	0.43	0.72	101
PSPCAQ75-121M	120.0	0.47	0.66	121
PSPCAQ75-151M	150.0	0.64	0.58	151
PSPCAQ75-181M	180.0	0.71	0.51	181
PSPCAQ75-221M	220.0	0.96	0.49	221
PSPCAQ75-271M	270.0	1.11	0.42	271
PSPCAQ75-331M	330.0	1.26	0.40	331
PSPCAQ75-391M	390.0	1.77	0.36	391
PSPCAQ75-471M	470.0	1.96	0.34	471

◎All test Data is referenced to 20°C ambient

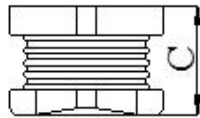
◎Tolerance:K=±10%, M=±20%

◎This indicates the value of current when the inductance is 10% lower than its initial value at D.C superposition or D.C current when at $\Delta t=40^\circ$ whichever is lower

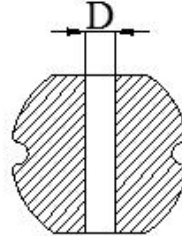
△ Operating Temperature Range: -40°C to +105°C

PRODUCT: Power Inductor
SERIES: PSPCAQ105
PACKAGING DIMENSION: [Unit: mm]


Top View



Front View



Bottom View

A:	7.0±0.3
B:	7.8±0.3
C:	5.0±0.3
D:	2.1Typ

GENERAL SPECIFICATIONS:
**RoHS
COMPLIANT**

P/N	L Inductance μH	DCR(Ω) 【Max】	Rated Current (A)	Marking
PSPCAQ105-4R7M	4.7	0.040	2.60	4R7
PSPCAQ105-6R8M	6.8	0.037	4.33	6R8
PSPCAQ105-100M	10.0	0.060	2.60	100
PSPCAQ105-120M	12.0	0.070	2.45	120
PSPCAQ105-150M	15.0	0.080	2.27	150
PSPCAQ105-180M	18.0	0.090	2.15	180
PSPCAQ105-220M	22.0	0.100	1.95	220
PSPCAQ105-270M	27.0	0.110	1.76	270
PSPCAQ105-330M	33.0	0.120	1.50	330
PSPCAQ105-390M	39.0	0.140	1.37	390
PSPCAQ105-470M	47.0	0.170	1.28	470
PSPCAQ105-560M	56.0	0.190	1.17	560
PSPCAQ105-680M	68.0	0.220	1.11	680
PSPCAQ105-820M	82.0	0.250	1.00	820
PSPCAQ105-101M	100.0	0.350	0.97	101
PSPCAQ105-121M	120.0	0.400	0.89	121

PSPCAQ105-151M	150.0	0.470	0.78	151
PSPCAQ105-181M	180.0	0.630	0.72	181
PSPCAQ105-221M	220.0	0.730	0.66	221
PSPCAQ105-271M	270.0	0.970	0.57	271
PSPCAQ105-331M	330.0	1.150	0.52	331
PSPCAQ105-391M	390.0	1.300	0.48	391
PSPCAQ105-471M	470.0	1.480	0.42	471
PSPCAQ105-561M	560.0	1.900	0.33	561
PSPCAQ105-681M	680.0	2.250	0.28	681
PSPCAQ105-821M	820.0	2.550	0.24	821

©All test Data is referenced to 20°C ambient

©Tolerance:K=±10%, M=±20%

©This indicates the value of current when the inductance is 10% lower than is initial value at D.C superposition or D.C current when at $\Delta t=40^\circ$ whichever is lower

△ Operating Temperature Range: -40°C to +105°C

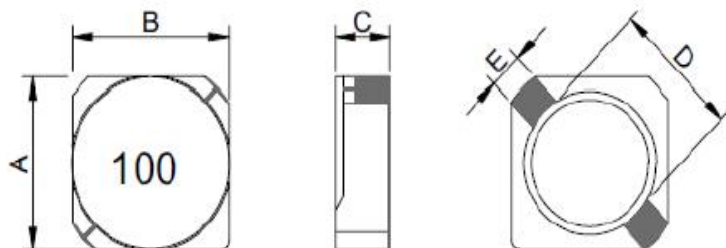


E-LIVEN TECHNOLOGY CO., LTD.

PRODUCT: Power Inductor

SERIES: PSPHAQ2D11

PACKAGING DIMENSION: [Unit: mm]



A	3.2 Max.
B	3.2 Max.
C	1.3 Max.
D	2.1 Typ.
E	1.0 Typ.

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0 Inductance μH	Tolerance ($\pm\%$)	DCR (Ω) max.	Rated Current (A) typ.	Marking
PSPHAQ2D11-1R5M	1.50	20	0.068	0.90	1R5
PSPHAQ2D11-2R2M	2.20	20	0.098	0.78	2R2
PSPHAQ2D11-3R3M	3.30	20	0.120	0.60	3R3
PSPHAQ2D11-4R7M	4.70	20	0.170	0.50	4R7
PSPHAQ2D11-6R8M	6.80	20	0.260	0.44	6R8
PSPHAQ2D11-100M	10.00	20	0.400	0.35	100

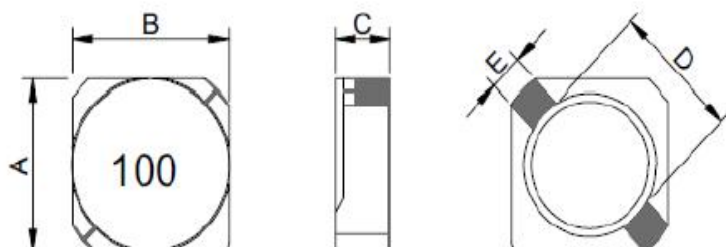
⊙testing frequency:100KHz/1V

⊙All test Data is referenced to 20°C ambient

⊙Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

⊙ Typical Saturation DC Current would cause Lo to drop approximately 35%

Δ Operating Temperature Range: -40°C ~ +105°C

PRODUCT: Power Inductor
SERIES: PSPHAQ2D14
PACKAGING DIMENSION: [Unit: mm]


A	3.2 Max.
B	3.2 Max.
C	1.6 Max.
D	2.1 Typ.
E	1.0 Typ.

GENERAL SPECIFICATIONS:
**RoHS
COMPLIANT**

P/N	L0 Inductance μH	Tolerance ($\pm\%$)	DCR (Ω) max.	Rated Current (A) typ.	Marking
PSPHAQ2D14-1R5M	1.50	20	0.063	1.80	1R5
PSPHAQ2D14-1R8M	1.80	20	0.075	1.65	1R8
PSPHAQ2D14-2R2M	2.20	20	0.094	1.50	2R2
PSPHAQ2D14-2R7M	2.70	20	0.106	1.35	2R7
PSPHAQ2D14-3R3M	3.30	20	0.125	1.20	3R3
PSPHAQ2D14-3R9M	3.90	20	0.138	1.10	3R9
PSPHAQ2D14-4R7M	4.70	20	0.169	1.00	4R7
PSPHAQ2D14-5R6M	5.60	20	0.188	0.95	5R6
PSPHAQ2D14-6R8M	6.80	20	0.213	0.85	6R8
PSPHAQ2D14-100M	10.00	20	0.294	0.70	100

©testing frequency:100KHz/1V

©All test Data is referenced to 20°C ambient

 ©Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

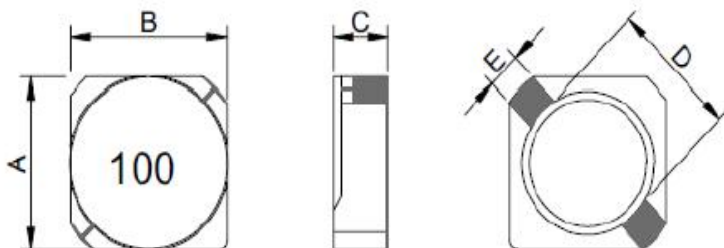
© Typical Saturation DC Current would cause Lo to drop approximately 35%

 Δ Operating Temperature Range: -40°C ~ +105°C

PRODUCT: Power Inductor

SERIES: PSPHAQ2D18

PACKAGING DIMENSION: [Unit: mm]



A	3.2 Max.
B	3.2 Max.
C	2.0 Max.
D	2.1 Typ.
E	1.0 Typ.

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0 Inductance μH	Tolerance ($\pm\%$)	DCR (Ω) max.	Rated Current (A) typ.	Marking
PSPHAQ2D18-2R2M	2.20	20	0.041	0.85	2R2
PSPHAQ2D18-3R3M	3.30	20	0.054	0.75	3R3
PSPHAQ2D18-4R7M	4.70	20	0.078	0.63	4R7
PSPHAQ2D18-6R8M	6.80	20	0.106	0.52	6R8
PSPHAQ2D18-100M	10.00	20	0.180	0.43	100
PSPHAQ2D18-150M	15.00	20	0.220	0.35	150
PSPHAQ2D18-220M	22.00	20	0.320	0.30	220
PSPHAQ2D18-330M	33.00	20	0.460	0.24	330
PSPHAQ2D18-470M	47.00	20	0.660	0.20	470

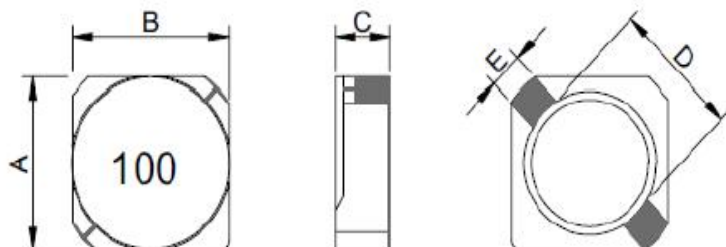
⊙testing frequency:100KHz/1V

⊙All test Data is referenced to 20°C ambient

⊙Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

⊙ Typical Saturation DC Current would cause Lo to drop approximately 35%

△ Operating Temperature Range: -40°C ~ +105°C

PRODUCT: Power Inductor
SERIES: PSPHAQ3D16
PACKAGING DIMENSION: [Unit: mm]


A	4.0 Max.
B	4.0 Max.
C	1.9 Max.
D	2.8 Typ.
E	1.1 Typ.

GENERAL SPECIFICATIONS:
**RoHS
COMPLIANT**

P/N	L0 Inductance μH	Tolerance ($\pm\%$)	DCR (Ω) max.	Rated Current (A) typ.	Marking
PSPHAQ3D16-3R3M	3.30	20	0.066	0.80	3R3
PSPHAQ3D16-3R9M	3.90	20	0.081	0.75	3R9
PSPHAQ3D16-4R7M	4.70	20	0.091	0.68	4R7
PSPHAQ3D16-5R6M	5.60	20	0.102	0.62	5R6
PSPHAQ3D16-6R8M	6.80	20	0.130	0.58	6R8
PSPHAQ3D16-8R2M	8.20	20	0.140	0.51	8R2
PSPHAQ3D16-100M	10.00	20	0.190	0.46	100
PSPHAQ3D16-120M	12.00	20	0.205	0.42	120
PSPHAQ3D16-150M	15.00	20	0.272	0.38	150
PSPHAQ3D16-180M	18.00	20	0.327	0.34	180
PSPHAQ3D16-220M	22.00	20	0.356	0.31	220
PSPHAQ3D16-270M	27.00	20	0.470	0.28	270
PSPHAQ3D16-330M	33.00	20	0.560	0.26	330
PSPHAQ3D16-390M	39.00	20	0.700	0.24	390
PSPHAQ3D16-470M	47.00	20	0.775	0.21	470

©testing frequency:100KHz/1V

©All test Data is referenced to 20°C ambient

 ©Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

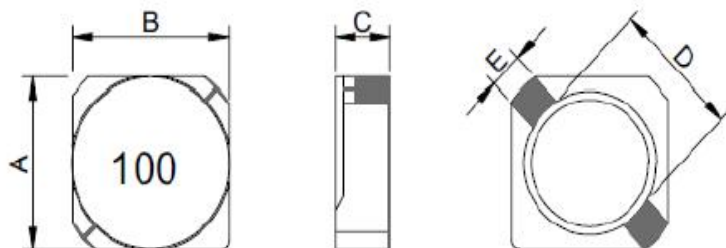
© Typical Saturation DC Current would cause Lo to drop approximately 35%

 △ Operating Temperature Range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

PRODUCT: Power Inductor

SERIES: PSPHAQ3D28

PACKAGING DIMENSION: [Unit: mm]



A	4.0 Max.
B	4.0 Max.
C	3.0 Max.
D	2.8 Typ.
E	1.1 Typ.

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0 Inductance μ H	Tolerance ($\pm\%$)	DCR (Ω) max.	Rated Current (A) typ.	Marking
PSPHAQ3D28-3R3M	3.30	20	0.036	0.90	3R3
PSPHAQ3D28-4R7M	4.70	20	0.046	0.80	4R7
PSPHAQ3D28-6R8M	6.80	20	0.055	0.60	6R8
PSPHAQ3D28-100M	10.00	20	0.075	0.48	100
PSPHAQ3D28-150M	15.00	20	0.117	0.42	150
PSPHAQ3D28-220M	22.00	20	0.157	0.36	220
PSPHAQ3D28-330M	33.00	20	0.218	0.30	330
PSPHAQ3D28-470M	47.00	20	0.301	0.28	470

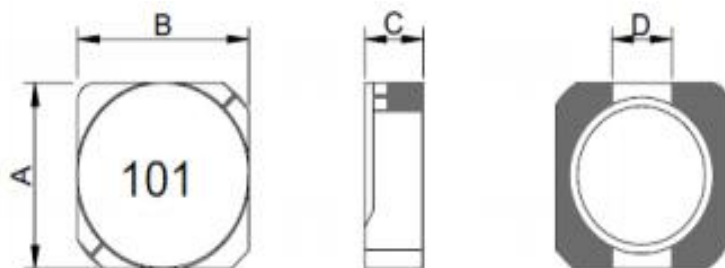
⊙testing frequency:100KHz/1V

⊙All test Data is referenced to 20°C ambient

⊙Typical Heat Rating DC Current would cause an approximately Δ T of 40°C

⊙ Typical Saturation DC Current would cause Lo to drop approximately 35%

Δ Operating Temperature Range: -40°C ~ +105°C

PRODUCT: Power Inductor
SERIES: PSPHAQ4D18
PACKAGING DIMENSION: [Unit: mm]


A	5.0 Max.
B	5.0 Max.
C	2.0 Max.
D	1.5 Typ.

GENERAL SPECIFICATIONS:
**RoHS
COMPLIANT**

P/N	L0 Inductance μH	Tolerance ($\pm\%$)	DCR (Ω) max.	Rated Current (A) typ.	Marking
PSPHAQ4D18-1R0M	1.00	20	0.045	1.72	1R0
PSPHAQ4D18-2R2M	2.20	20	0.075	1.32	2R2
PSPHAQ4D18-2R7M	2.70	20	0.105	1.28	2R7
PSPHAQ4D18-3R3M	3.30	20	0.110	1.04	3R3
PSPHAQ4D18-3R9M	3.90	20	0.155	0.88	3R9
PSPHAQ4D18-4R7M	4.70	20	0.162	0.84	4R7
PSPHAQ4D18-5R6M	5.60	20	0.170	0.80	5R6
PSPHAQ4D18-6R8M	6.80	20	0.200	0.76	6R8
PSPHAQ4D18-8R2M	8.20	20	0.245	0.68	8R2
PSPHAQ4D18-100M	10.00	20	0.263	0.61	100
PSPHAQ4D18-120M	12.00	20	0.281	0.56	120
PSPHAQ4D18-150M	15.00	20	0.302	0.50	150
PSPHAQ4D18-180M	18.00	20	0.338	0.48	180
PSPHAQ4D18-220M	22.00	20	0.397	0.41	220
PSPHAQ4D18-270M	27.00	20	0.441	0.35	270
PSPHAQ4D18-330M	33.00	20	0.694	0.32	330
PSPHAQ4D18-390M	39.00	20	0.709	0.30	390
PSPHAQ4D18-470M	47.00	20	0.922	0.28	470

PSPHAQ4D18-560M	56.00	20	1.080	0.26	560
PSPHAQ4D18-680M	68.00	20	1.300	0.24	680
PSPHAQ4D18-820M	82.00	20	1.550	0.22	820
PSPHAQ4D18-101M	100.00	20	1.730	0.20	101

◎testing frequency:100KHz/1V

◎All test Data is referenced to 20°C ambient

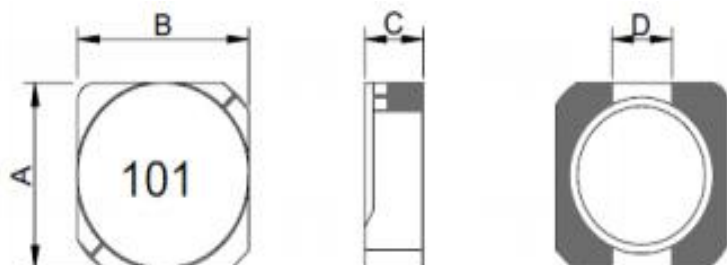
◎Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

◎ Typical Saturation DC Current would cause Lo to drop approximately 35%

△ Operating Temperature Range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$



E-LIVEN TECHNOLOGY CO., LTD.

PRODUCT: Power Inductor
SERIES: PSPHAQ4D28
PACKAGING DIMENSION: [Unit: mm]


A	5.0 Max.
B	5.0 Max.
C	3.0 Max.
D	1.5 Typ.

GENERAL SPECIFICATIONS:
**RoHS
COMPLIANT**

P/N	L0 Inductance μH	Tolerance ($\pm\%$)	DCR (Ω) max.	Rated Current (A) typ.	Marking
PSPHAQ4D28-1R2M	1.20	20	0.024	2.56	1R2
PSPHAQ4D28-1R8M	1.80	20	0.028	2.20	1R8
PSPHAQ4D28-2R2M	2.20	20	0.031	2.04	2R2
PSPHAQ4D28-2R7M	2.70	20	0.043	1.60	2R7
PSPHAQ4D28-3R3M	3.30	20	0.049	1.57	3R3
PSPHAQ4D28-3R9M	3.90	20	0.065	1.44	3R9
PSPHAQ4D28-4R7M	4.70	20	0.072	1.32	4R7
PSPHAQ4D28-5R6M	5.60	20	0.101	1.17	5R6
PSPHAQ4D28-6R8M	6.80	20	0.109	1.12	6R8
PSPHAQ4D28-8R2M	8.20	20	0.118	1.04	8R2
PSPHAQ4D28-100M	10.00	20	0.128	1.00	100
PSPHAQ4D28-120M	12.00	20	0.132	0.84	120
PSPHAQ4D28-150M	15.00	20	0.149	0.76	150
PSPHAQ4D28-180M	18.00	20	0.166	0.72	180
PSPHAQ4D28-220M	22.00	20	0.235	0.70	220
PSPHAQ4D28-270M	27.00	20	0.261	0.58	270
PSPHAQ4D28-330M	33.00	20	0.378	0.56	330
PSPHAQ4D28-470M	47.00	20	0.384	0.50	470

PSPHAQ4D28-680M	68.00	20	0.699	0.35	680
PSPHAQ4D28-820M	82.00	20	0.915	0.32	820
PSPHAQ4D28-101M	100.00	20	1.020	0.29	101
PSPHAQ4D28-121M	120.00	20	1.270	0.27	121
PSPHAQ4D28-151M	150.00	20	1.350	0.24	151
PSPHAQ4D28-181M	180.00	20	1.540	0.22	181
PSPHAQ4D28-221M	220.00	20	1.720	0.20	221
PSPHAQ4D28-271M	270.00	20	1.950	0.16	271
PSPHAQ4D28-331M	330.00	20	2.660	0.14	331
PSPHAQ4D28-391M	390.00	20	2.830	0.13	391

◎testing frequency:100KHz/1V

◎All test Data is referenced to 20°C ambient

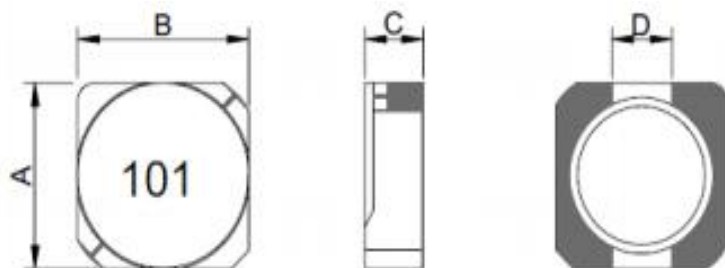
◎Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

◎ Typical Saturation DC Current would cause Lo to drop approximately 35%

△ Operating Temperature Range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$



E-LIVEN TECHNOLOGY CO., LTD.

PRODUCT: Power Inductor
SERIES: PSPHAQ5D18
PACKAGING DIMENSION: [Unit: mm]


A	6.0 Max.
B	6.0 Max.
C	2.0 Max.
D	2.0 Typ.

GENERAL SPECIFICATIONS:
**RoHS
COMPLIANT**

P/N	L0 Inductance μH	Tolerance ($\pm\%$)	DCR (Ω) max.	Rated Current (A) typ.	Marking
PSPHAQ5D18-2R2M	2.20	20	0.039	2.40	2R2
PSPHAQ5D18-3R3M	3.30	20	0.048	1.90	3R3
PSPHAQ5D18-4R7M	4.70	20	0.068	1.70	4R7
PSPHAQ5D18-6R8M	6.80	20	0.102	1.40	6R8
PSPHAQ5D18-100M	10.00	20	0.124	1.20	100
PSPHAQ5D18-120M	12.00	20	0.153	1.10	120
PSPHAQ5D18-150M	15.00	20	0.196	0.97	150
PSPHAQ5D18-180M	18.00	20	0.210	0.85	180
PSPHAQ5D18-220M	22.00	20	0.290	0.80	220
PSPHAQ5D18-270M	27.00	20	0.330	0.75	270
PSPHAQ5D18-330M	33.00	20	0.386	0.65	330
PSPHAQ5D18-390M	39.00	20	0.520	0.57	390
PSPHAQ5D18-470M	47.00	20	0.595	0.54	470
PSPHAQ5D18-560M	56.00	20	0.665	0.50	560
PSPHAQ5D18-680M	68.00	20	0.840	0.43	680
PSPHAQ5D18-820M	82.00	20	0.978	0.41	820
PSPHAQ5D18-101M	100.00	20	1.200	0.36	101
PSPHAQ5D18-121M	120.00	20	1.500	0.33	121

PSPHAQ5D18-151M	150.00	20	1.710	0.31	151
PSPHAQ5D18-181M	180.00	20	2.240	0.28	181
PSPHAQ5D18-221M	220.00	20	2.440	0.23	221
PSPHAQ5D18-331M	330.00	20	4.340	0.18	331

◎testing frequency:100KHz/1V

◎All test Data is referenced to 20°C ambient

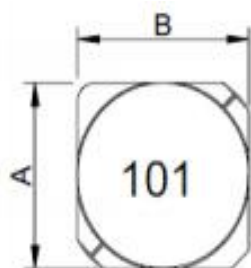
◎Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

◎ Typical Saturation DC Current would cause Lo to drop approximately 35%

△ Operating Temperature Range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$



E-LIVEN TECHNOLOGY CO., LTD.

PRODUCT: Power Inductor
SERIES: PSPHAQ5D28
PACKAGING DIMENSION: [Unit: mm]


A	6.0 Max.
B	6.0 Max.
C	3.0 Max.
D	2.0 Typ.

GENERAL SPECIFICATIONS:
**RoHS
COMPLIANT**

P/N	L0 Inductance μH	Tolerance ($\pm\%$)	DCR (Ω) max.	Rated Current (A) typ.	Marking
PSPHAQ5D28-2R2M	2.20	20	0.018	3.00	2R2
PSPHAQ5D28-3R0M	3.00	20	0.024	2.40	3R0
PSPHAQ5D28-4R7M	4.70	20	0.032	2.10	4R7
PSPHAQ5D28-5R3M	5.30	20	0.038	1.90	5R3
PSPHAQ5D28-6R2M	6.20	20	0.045	1.80	6R2
PSPHAQ5D28-8R2M	8.20	20	0.053	1.60	6R8
PSPHAQ5D28-100M	10.00	20	0.065	1.30	100
PSPHAQ5D28-120M	12.00	20	0.076	1.20	120
PSPHAQ5D28-150M	15.00	20	0.103	1.10	150
PSPHAQ5D28-180M	18.00	20	0.110	1.00	180
PSPHAQ5D28-220M	22.00	20	0.122	0.90	220
PSPHAQ5D28-270M	27.00	20	0.175	0.85	270
PSPHAQ5D28-330M	33.00	20	0.189	0.75	330
PSPHAQ5D28-390M	39.00	20	0.212	0.70	390
PSPHAQ5D28-470M	47.00	20	0.260	0.62	470
PSPHAQ5D28-560M	56.00	20	0.305	0.58	560
PSPHAQ5D28-680M	68.00	20	0.355	0.52	680
PSPHAQ5D28-820M	82.00	20	0.463	0.46	820

PSPHAQ5D28-101M	100.00	20	0.520	0.42	101
PSPHAQ5D28-121M	120.00	20	0.560	0.40	121
PSPHAQ5D28-151M	150.00	20	0.680	0.35	151
PSPHAQ5D28-181M	180.00	20	0.930	0.32	181
PSPHAQ5D28-221M	220.00	20	1.150	0.30	221
PSPHAQ5D28-271M	270.00	20	1.560	0.27	221
PSPHAQ5D28-331M	330.00	20	1.980	0.25	331
PSPHAQ5D28-391M	390.00	20	2.500	0.22	391
PSPHAQ5D28-471M	470.00	20	2.700	0.20	471
PSPHAQ5D28-561M	560.00	20	3.120	0.18	561
PSPHAQ5D28-681M	680.00	20	4.150	0.16	681

◎testing frequency:100KHz/1V

◎All test Data is referenced to 20°C ambient

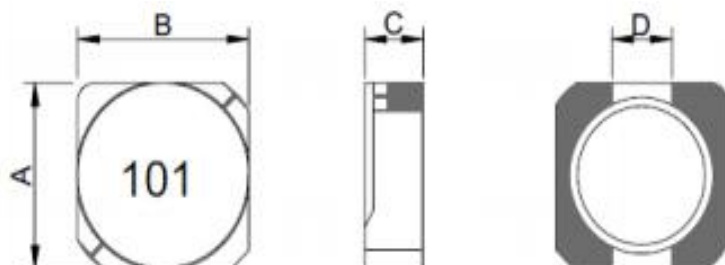
◎Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

◎ Typical Saturation DC Current would cause Lo to drop approximately 35%

△ Operating Temperature Range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$



E-LIVEN TECHNOLOGY CO., LTD.

PRODUCT: Power Inductor
SERIES: PSPHAQ6D28
PACKAGING DIMENSION: [Unit: mm]


A	7.0 Max.
B	7.0 Max.
C	3.0 Max.
D	2.0 Typ.

GENERAL SPECIFICATIONS:
**RoHS
COMPLIANT**

P/N	L0 Inductance μH	Tolerance ($\pm\%$)	DCR (Ω) max.	Rated Current (A) typ.	Marking
PSPHAQ6D28-2R2M	2.20	20	0.024	3.60	2R2
PSPHAQ6D28-3R3M	3.30	20	0.030	2.80	3R3
PSPHAQ6D28-4R7M	4.70	20	0.039	2.40	4R7
PSPHAQ6D28-6R8M	6.80	20	0.051	2.10	6R8
PSPHAQ6D28-7R3M	7.30	20	0.054	2.10	7R3
PSPHAQ6D28-8R6M	8.60	20	0.058	1.85	8R6
PSPHAQ6D28-100M	10.00	20	0.065	1.70	100
PSPHAQ6D28-120M	12.00	20	0.070	1.55	120
PSPHAQ6D28-150M	15.00	20	0.084	1.40	150
PSPHAQ6D28-180M	18.00	20	0.095	1.32	180
PSPHAQ6D28-220M	22.00	20	0.128	1.20	220
PSPHAQ6D28-270M	27.00	20	0.142	1.05	270
PSPHAQ6D28-330M	33.00	20	0.165	0.97	330
PSPHAQ6D28-390M	39.00	20	0.210	0.86	390
PSPHAQ6D28-470M	47.00	20	0.238	0.80	470
PSPHAQ6D28-560M	56.00	20	0.277	0.73	560
PSPHAQ6D28-680M	68.00	20	0.304	0.65	680
PSPHAQ6D28-820M	82.00	20	0.390	0.60	820

PSPHAQ6D28-101M	100.00	20	0.535	0.54	101
PSPHAQ6D28-121M	120.00	20	0.750	0.51	121
PSPHAQ6D28-151M	150.00	20	0.950	0.47	151
PSPHAQ6D28-181M	180.00	20	1.200	0.41	181
PSPHAQ6D28-221M	220.00	20	1.500	0.37	221
PSPHAQ6D28-271M	270.00	20	1.700	0.33	221
PSPHAQ6D28-331M	330.00	20	2.150	0.28	331
PSPHAQ6D28-391M	390.00	20	2.250	0.27	391
PSPHAQ6D28-471M	470.00	20	3.150	0.21	471
PSPHAQ6D28-561M	560.00	20	3.750	0.20	561
PSPHAQ6D28-681M	680.00	20	5.150	0.20	681

◎testing frequency:100KHz/1V

◎All test Data is referenced to 20°C ambient

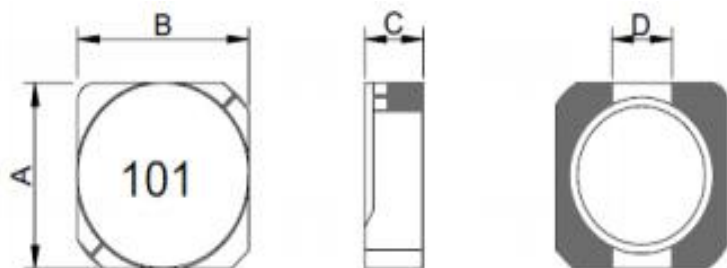
◎Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

◎ Typical Saturation DC Current would cause Lo to drop approximately 35%

△ Operating Temperature Range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$



E-LIVEN TECHNOLOGY CO., LTD.

PRODUCT: Power Inductor
SERIES: PSPHAQ6D38
PACKAGING DIMENSION: [Unit: mm]


A	7.0 Max.
B	7.0 Max.
C	4.0 Max.
D	2.0 Typ.

GENERAL SPECIFICATIONS:
**RoHS
COMPLIANT**

P/N	L0 Inductance μH	Tolerance ($\pm\%$)	DCR (Ω) max.	Rated Current (A) typ.	Marking
PSPHAQ6D38-2R2M	2.20	20	0.018	4.40	2R2
PSPHAQ6D38-3R3M	3.30	20	0.025	3.50	3R3
PSPHAQ6D38-4R7M	4.70	20	0.027	2.80	4R7
PSPHAQ6D38-6R8M	6.80	20	0.032	2.40	6R8
PSPHAQ6D38-8R7M	8.70	20	0.034	2.20	8R7
PSPHAQ6D38-100M	10.00	20	0.038	2.00	100
PSPHAQ6D38-120M	12.00	20	0.053	1.70	120
PSPHAQ6D38-150M	15.00	20	0.057	1.60	150
PSPHAQ6D38-180M	18.00	20	0.092	1.50	180
PSPHAQ6D38-220M	22.00	20	0.096	1.30	220
PSPHAQ6D38-270M	27.00	20	0.109	1.20	270
PSPHAQ6D38-330M	33.00	20	0.124	1.10	330
PSPHAQ6D38-390M	39.00	20	0.138	1.00	390
PSPHAQ6D38-470M	47.00	20	0.155	0.95	470
PSPHAQ6D38-560M	56.00	20	0.202	0.85	560
PSPHAQ6D38-680M	68.00	20	0.234	0.75	680
PSPHAQ6D38-820M	82.00	20	0.324	0.70	820
PSPHAQ6D38-101M	100.00	20	0.358	0.65	101

PSPHAQ6D38-121M	120.00	20	0.470	0.59	121
PSPHAQ6D38-151M	150.00	20	0.580	0.54	151
PSPHAQ6D38-181M	180.00	20	0.690	0.49	181
PSPHAQ6D38-221M	220.00	20	0.890	0.43	221
PSPHAQ6D38-271M	270.00	20	1.290	0.40	271
PSPHAQ6D38-331M	330.00	20	1.700	0.37	331
PSPHAQ6D38-391M	390.00	20	1.750	0.34	391
PSPHAQ6D38-471M	470.00	20	2.200	0.32	471
PSPHAQ6D38-561M	560.00	20	2.850	0.29	561
PSPHAQ6D38-681M	680.00	20	3.200	0.25	681
PSPHAQ6D38-821M	820.00	20	4.050	0.22	821
PSPHAQ6D38-102M	1000.00	20	5.700	0.20	102

◎testing frequency:100KHz/1V

◎All test Data is referenced to 20°C ambient

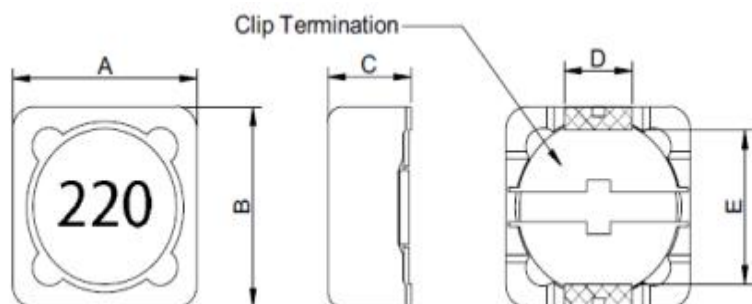
◎Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

◎ Typical Saturation DC Current would cause Lo to drop approximately 35%

△ Operating Temperature Range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$



E-LIVEN TECHNOLOGY CO., LTD.

PRODUCT: Power Inductor
SERIES: PSPHAQ73
PACKAGING DIMENSION: [Unit: mm]


A	7.3±0.3
B	7.3±0.3
C	3.5 Max.
D	1.8±0.2
E	5.0±0.2

GENERAL SPECIFICATIONS:
**RoHS
COMPLIANT**

P/N	L0 Inductance μH	Tolerance (±%)	DCR (Ω) max.	Rated Current (A) typ.	Marking
PSPHAQ73-R47M	0.47	20	0.017	10.50	R47
PSPHAQ73-1R0M	1.00	20	0.017	7.00	1R0
PSPHAQ73-1R5M	1.50	20	0.017	6.00	1R5
PSPHAQ73-2R2M	2.20	20	0.025	4.50	2R2
PSPHAQ73-3R3M	3.30	20	0.025	4.20	3R3
PSPHAQ73-4R7M	4.70	20	0.058	3.65	4R7
PSPHAQ73-6R8M	6.80	20	0.058	3.00	6R8
PSPHAQ73-8R2M	8.20	20	0.063	2.50	8R2
PSPHAQ73-100M	10.00	20	0.069	2.30	100
PSPHAQ73-120M	12.00	20	0.083	2.20	120
PSPHAQ73-150M	15.00	20	0.108	2.00	150
PSPHAQ73-180M	18.00	20	0.125	1.80	180
PSPHAQ73-220M	22.00	20	0.158	1.50	220
PSPHAQ73-330M	33.00	20	0.232	1.20	330
PSPHAQ73-390M	39.00	20	0.282	0.90	390
PSPHAQ73-400M	40.00	20	0.291	0.90	400
PSPHAQ73-470M	47.00	20	0.374	0.80	470
PSPHAQ73-560M	56.00	20	0.415	0.70	560

PSPHAQ73-680M	68.00	20	0.432	0.61	680
PSPHAQ73-820M	82.00	20	0.573	0.55	820
PSPHAQ73-101M	100.00	20	0.656	0.50	101
PSPHAQ73-151M	150.00	20	0.830	0.46	151
PSPHAQ73-181M	180.00	20	0.913	0.39	181
PSPHAQ73-221M	220.00	20	1.370	0.38	221
PSPHAQ73-271M	270.00	20	1.917	0.36	271
PSPHAQ73-331M	330.00	20	2.175	0.35	331
PSPHAQ73-471M	470.00	20	3.469	0.32	471
PSPHAQ73-681M	680.00	20	4.756	0.30	681
PSPHAQ73-821M	820.00	20	5.810	0.28	821
PSPHAQ73-102M	1000.00	20	8.018	0.26	102

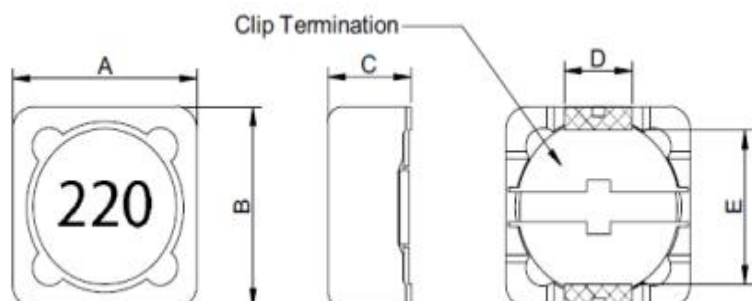
◎testing frequency:100KHz/1V

◎All test Data is referenced to 20°C ambient

◎Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

◎ Typical Saturation DC Current would cause Lo to drop approximately 35%

△ Operating Temperature Range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

PRODUCT: Power Inductor
SERIES: PSPHAQ74
PACKAGING DIMENSION: [Unit: mm]


A	7.3±0.3
B	7.3±0.3
C	4.5 Max.
D	1.8±0.2
E	5.0±0.2

GENERAL SPECIFICATIONS:
**RoHS
COMPLIANT**

P/N	L0 Inductance μH	Tolerance (±%)	DCR (Ω) max.	Rated Current (A) typ.	Marking
PSPHAQ74-1R0M	1.00	20	0.012	9.00	1R0
PSPHAQ74-1R2M	1.20	20	0.021	8.00	1R2
PSPHAQ74-1R5M	1.50	20	0.025	8.00	1R5
PSPHAQ74-1R8M	1.80	20	0.027	7.00	1R8
PSPHAQ74-2R2M	2.20	20	0.029	6.20	2R2
PSPHAQ74-2R7M	2.70	20	0.033	5.50	2R7
PSPHAQ74-3R3M	3.30	20	0.037	4.70	3R3
PSPHAQ74-4R7M	4.70	20	0.042	3.50	4R7
PSPHAQ74-6R2M	6.20	20	0.042	3.40	6R2
PSPHAQ74-8R2M	8.20	20	0.044	3.40	8R2
PSPHAQ74-100M	10.00	20	0.046	3.10	100
PSPHAQ74-150M	15.00	20	0.067	3.00	150
PSPHAQ74-180M	18.00	20	0.083	2.50	180
PSPHAQ74-220M	22.00	20	0.091	2.00	220
PSPHAQ74-270M	27.00	20	0.106	1.95	270
PSPHAQ74-330M	33.00	20	0.208	1.50	330
PSPHAQ74-390M	39.00	20	0.249	1.20	390
PSPHAQ74-470M	47.00	20	0.266	1.10	470

PSPHAQ74-560M	56.00	20	0.291	1.00	560
PSPHAQ74-680M	68.00	20	0.315	0.90	680
PSPHAQ74-101M	100.00	20	0.506	0.85	101
PSPHAQ74-121M	120.00	20	0.540	0.85	121
PSPHAQ74-151M	150.00	20	0.730	0.75	151
PSPHAQ74-171M	170.00	20	1.079	0.74	171
PSPHAQ74-181M	180.00	20	1.121	0.70	181
PSPHAQ74-221M	220.00	20	1.162	0.62	221
PSPHAQ74-271M	270.00	20	1.245	0.55	271
PSPHAQ74-331M	330.00	20	1.245	0.50	331
PSPHAQ74-391M	390.00	20	1.494	0.48	391
PSPHAQ74-471M	470.00	20	2.158	0.40	471

◎testing frequency:100KHz/1V

◎All test Data is referenced to 20°C ambient

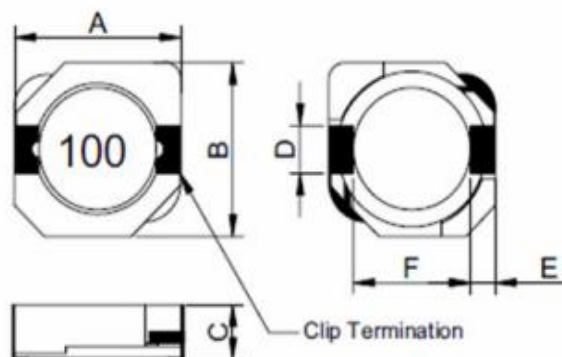
◎Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

◎ Typical Saturation DC Current would cause Lo to drop approximately 35%

△ Operating Temperature Range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$



E-LIVEN TECHNOLOGY CO., LTD.

PRODUCT: Power Inductor
SERIES: PSPHAQ103R
PACKAGING DIMENSION: [Unit: mm]


A	10.5 max.
B	10.3 max.
C	3.0 Max.
D	3.0±0.1
E	1.2±0.15
F	7.7±0.3

GENERAL SPECIFICATIONS:
**RoHS
COMPLIANT**

P/N	L0 Inductance μH	Tolerance (±%)	DCR (Ω) max.	Rated Current (A) typ.	Marking
PSPHAQ103R-R80M	0.80	20	0.006	11.20	R80
PSPHAQ103R-1R5M	1.50	20	0.011	8.00	1R5
PSPHAQ103R-2R2M	2.20	20	0.017	6.70	2R2
PSPHAQ103R-3R3M	3.30	20	0.021	5.56	3R3
PSPHAQ103R-4R7M	4.70	20	0.030	4.65	4R7
PSPHAQ103R-6R8M	6.80	20	0.035	3.84	6R8
PSPHAQ103R-8R2M	8.20	20	0.050	3.54	8R2
PSPHAQ103R-100M	10.00	20	0.059	3.18	100
PSPHAQ103R-150M	15.00	20	0.091	2.60	150
PSPHAQ103R-220M	22.00	20	0.143	2.16	220
PSPHAQ103R-330M	33.00	20	0.202	1.74	330
PSPHAQ103R-470M	47.00	20	0.299	1.43	470
PSPHAQ103R-560M	56.00	20	0.325	1.36	560
PSPHAQ103R-680M	68.00	20	0.429	1.22	680
PSPHAQ103R-820M	82.00	20	0.494	1.14	820
PSPHAQ103R-101M	100.00	20	0.683	1.02	101
PSPHAQ103R-121M	120.00	20	0.754	0.89	121
PSPHAQ103R-151M	150.00	20	0.871	0.84	151

◎ **testing frequency:100KHz/1V**

◎ All test Data is referenced to 20°C ambient

◎ Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

◎ Typical Saturation DC Current would cause Lo to drop approximately 35%

△ Operating Temperature Range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

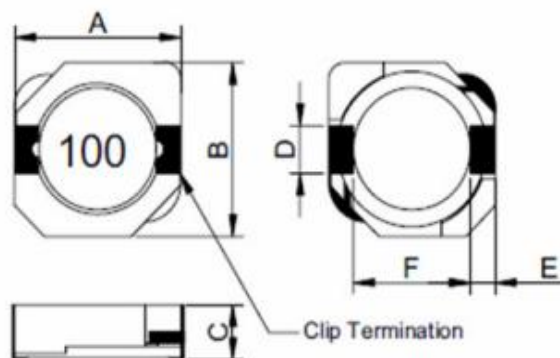


E-LIVEN TECHNOLOGY CO., LTD.

PRODUCT: Power Inductor

SERIES: PSPHAQ104R

PACKAGING DIMENSION: [Unit: mm]



A	10.5 max.
B	10.3 max.
C	4.0 Max.
D	3.0±0.1
E	1.2±0.15
F	7.7±0.3

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0 Inductance μ H	Tolerance ($\pm\%$)	DCR (Ω) max.	Rated Current (A) typ.	Marking
PSPHAQ104R-1R5M	1.50	20	0.008	10.00	1R5
PSPHAQ104R-2R2M	2.20	20	0.011	7.50	2R2
PSPHAQ104R-3R3M	3.30	20	0.013	6.00	3R3
PSPHAQ104R-4R7M	4.70	20	0.022	5.50	4R7
PSPHAQ104R-5R2M	5.20	20	0.025	5.40	5R2
PSPHAQ104R-6R8M	6.80	20	0.027	4.80	6R8
PSPHAQ104R-100M	10.00	20	0.035	4.40	100
PSPHAQ104R-150M	15.00	20	0.050	3.60	150
PSPHAQ104R-220M	22.00	20	0.073	2.90	220
PSPHAQ104R-330M	33.00	20	0.093	2.30	330
PSPHAQ104R-470M	47.00	20	0.128	2.10	470
PSPHAQ104R-680M	68.00	20	0.213	1.50	680
PSPHAQ104R-101M	100.00	20	0.304	1.35	101
PSPHAQ104R-151M	150.00	20	0.506	1.15	151
PSPHAQ104R-221M	220.00	20	0.756	0.92	221
PSPHAQ104R-331M	330.00	20	1.090	0.70	331

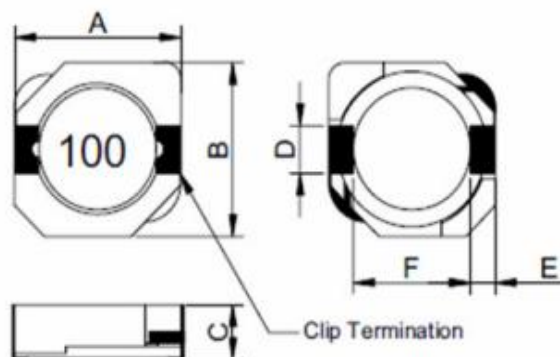
⊙testing frequency:100KHz/1V

⊙All test Data is referenced to 20°C ambient

⊙Typical Heat Rating DC Current would cause an approximately Δ T of 40°C

⊙ Typical Saturation DC Current would cause Lo to drop approximately 35%

Δ Operating Temperature Range: -40°C ~ +105°C

PRODUCT: Power Inductor
SERIES: PSPHAQ105R
PACKAGING DIMENSION: [Unit: mm]


A	10.5 max.
B	10.3 max.
C	5.0 Max.
D	3.0±0.1
E	1.2±0.15
F	7.7±0.3

GENERAL SPECIFICATIONS:
**RoHS
COMPLIANT**

P/N	L0 Inductance μH	Tolerance (±%)	DCR (Ω) max.	Rated Current (A) typ.	Marking
PSPHAQ105R-R80M	0.80	20	0.005	9.50	R80
PSPHAQ105R-1R5M	1.50	20	0.006	8.60	1R5
PSPHAQ105R-2R2M	2.20	20	0.007	7.80	2R2
PSPHAQ105R-3R3M	3.30	20	0.011	7.10	3R3
PSPHAQ105R-4R7M	4.70	20	0.012	6.50	4R7
PSPHAQ105R-6R8M	6.80	20	0.018	5.70	6R8
PSPHAQ105R-8R2M	8.20	20	0.020	5.30	8R2
PSPHAQ105R-100M	10.00	20	0.026	4.80	100
PSPHAQ105R-120M	12.00	20	0.033	4.60	120
PSPHAQ105R-150M	15.00	20	0.041	4.30	150
PSPHAQ105R-180M	18.00	20	0.046	4.00	180
PSPHAQ105R-220M	22.00	20	0.061	3.60	220
PSPHAQ105R-270M	27.00	20	0.069	3.20	270
PSPHAQ105R-330M	33.00	20	0.084	3.00	330
PSPHAQ105R-390M	39.00	20	0.106	2.55	390
PSPHAQ105R-470M	47.00	20	0.130	2.20	470
PSPHAQ105R-560M	56.00	20	0.149	1.90	560
PSPHAQ105R-680M	68.00	20	0.201	1.60	680

PSPHAQ105R-820M	82.00	20	0.227	1.45	820
PSPHAQ105R-101M	100.00	20	0.253	1.35	101
PSPHAQ105R-121M	120.00	20	0.303	1.18	121
PSPHAQ105R-151M	150.00	20	0.370	1.10	151
PSPHAQ105R-181M	180.00	20	0.419	1.00	181
PSPHAQ105R-221M	220.00	20	0.500	0.94	221
PSPHAQ105R-271M	270.00	20	0.672	0.80	271
PSPHAQ105R-331M	330.00	20	0.812	0.73	331
PSPHAQ105R-391M	390.00	20	0.953	0.70	391
PSPHAQ105R-471M	470.00	20	1.289	0.54	471
PSPHAQ105R-561M	560.00	20	1.430	0.52	561
PSPHAQ105R-681M	680.00	20	1.599	0.51	681
PSPHAQ105R-821M	820.00	20	1.768	0.48	821
PSPHAQ105R-102M	1000.00	20	1.989	0.42	102

◎testing frequency:100KHz/1V

◎All test Data is referenced to 20°C ambient

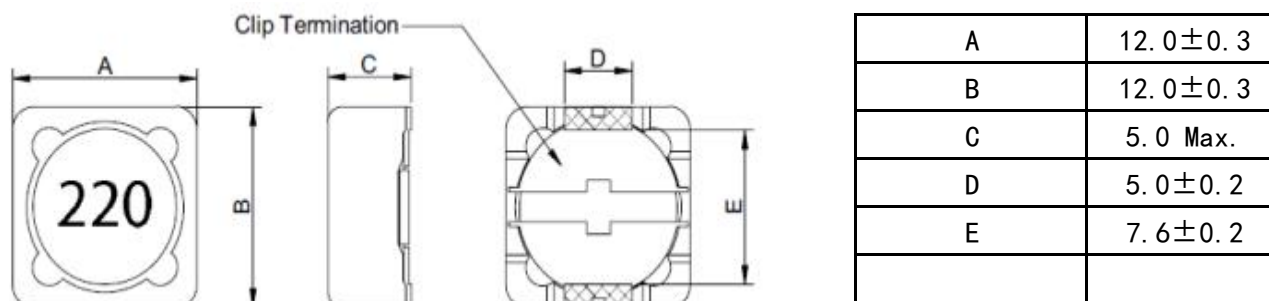
◎Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

◎ Typical Saturation DC Current would cause Lo to drop approximately 35%

△ Operating Temperature Range: -40°C ~ +105°C



E-LIVEN TECHNOLOGY CO., LTD.

PRODUCT: Power Inductor
SERIES: PSPHAQ124
PACKAGING DIMENSION: [Unit: mm]

GENERAL SPECIFICATIONS:
**RoHS
COMPLIANT**

P/N	L0 Inductance μH	Tolerance (±%)	DCR (Ω) max.	Rated Current (A) typ.	Marking
PSPHAQ124-3R3M	3.30	20	0.015	6.50	3R3
PSPHAQ124-4R7M	4.70	20	0.018	5.70	4R7
PSPHAQ124-6R8M	6.80	20	0.023	4.90	6R8
PSPHAQ124-8R2M	8.20	20	0.026	4.60	8R2
PSPHAQ124-100M	10.00	20	0.028	4.50	100
PSPHAQ124-120M	12.00	20	0.038	4.10	120
PSPHAQ124-150M	15.00	20	0.050	3.20	150
PSPHAQ124-180M	18.00	20	0.057	3.10	180
PSPHAQ124-220M	22.00	20	0.066	2.90	220
PSPHAQ124-270M	27.00	20	0.080	2.80	270
PSPHAQ124-330M	33.00	20	0.097	2.70	330
PSPHAQ124-390M	39.00	20	0.132	2.10	390
PSPHAQ124-470M	47.00	20	0.160	1.90	470
PSPHAQ124-560M	56.00	20	0.190	1.80	560
PSPHAQ124-680M	68.00	20	0.220	1.50	680
PSPHAQ124-820M	82.00	20	0.260	1.30	820
PSPHAQ124-101M	100.00	20	0.308	1.20	101
PSPHAQ124-121M	120.00	20	0.380	1.10	121

PSPHAQ124-151M	150.00	20	0.530	0.95	151
PSPHAQ124-181M	180.00	20	0.620	0.85	181
PSPHAQ124-221M	220.00	20	0.700	0.80	221
PSPHAQ124-271M	270.00	20	0.870	0.60	271
PSPHAQ124-331M	330.00	20	0.990	0.50	331

◎testing frequency:100KHz/1V

◎All test Data is referenced to 20°C ambient

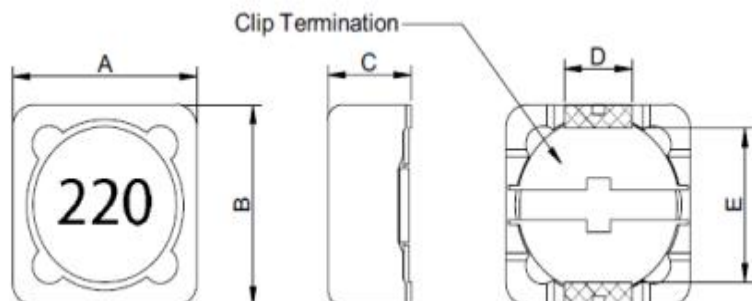
◎Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

◎ Typical Saturation DC Current would cause Lo to drop approximately 35%

△ Operating Temperature Range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$



E-LIVEN TECHNOLOGY CO., LTD.

PRODUCT: Power Inductor
SERIES: PSPHAQ125
PACKAGING DIMENSION: [Unit: mm]


A	12.0±0.3
B	12.0±0.3
C	6.0 Max.
D	5.0±0.2
E	7.6±0.2

GENERAL SPECIFICATIONS:
**RoHS
COMPLIANT**

P/N	L0 Inductance μH	Tolerance (±%)	DCR (Ω) max.	Rated Current (A) typ.	Marking
PSPHAQ125-1R5M	1.50	20	0.012	8.00	1R5
PSPHAQ125-2R2M	2.20	20	0.014	7.00	2R2
PSPHAQ125-3R3M	3.30	20	0.017	6.00	3R3
PSPHAQ125-4R7M	4.70	20	0.020	5.00	4R7
PSPHAQ125-6R8M	6.80	20	0.021	4.50	6R8
PSPHAQ125-7R5M	7.50	20	0.024	4.30	7R5
PSPHAQ125-100M	10.00	20	0.025	4.00	100
PSPHAQ125-120M	12.00	20	0.027	3.50	120
PSPHAQ125-150M	15.00	20	0.030	3.30	150
PSPHAQ125-180M	18.00	20	0.034	3.00	180
PSPHAQ125-220M	22.00	20	0.036	2.80	220
PSPHAQ125-270M	27.00	20	0.051	2.30	270
PSPHAQ125-330M	33.00	20	0.057	2.10	330
PSPHAQ125-390M	39.00	20	0.068	2.00	390
PSPHAQ125-470M	47.00	20	0.075	1.80	470
PSPHAQ125-560M	56.00	20	0.110	1.70	560
PSPHAQ125-680M	68.00	20	0.120	1.50	680
PSPHAQ125-820M	82.00	20	0.140	1.40	820

PSPHAQ125-101M	100.00	20	0.160	1.30	101
PSPHAQ125-121M	120.00	20	0.170	1.10	121
PSPHAQ125-151M	150.00	20	0.230	1.00	151
PSPHAQ125-181M	180.00	20	0.290	0.90	181
PSPHAQ125-221M	220.00	20	0.400	0.80	221
PSPHAQ125-271M	270.00	20	0.460	0.75	271
PSPHAQ125-331M	330.00	20	0.510	0.68	331
PSPHAQ125-391M	390.00	20	0.690	0.65	391
PSPHAQ125-471M	470.00	20	0.770	0.58	471
PSPHAQ125-561M	560.00	20	0.860	0.54	561
PSPHAQ125-681M	680.00	20	1.200	0.48	681
PSPHAQ125-821M	820.00	20	1.340	0.43	821
PSPHAQ125-102M	1000.00	20	1.530	0.40	102

◎testing frequency:100KHz/1V

◎All test Data is referenced to 20°C ambient

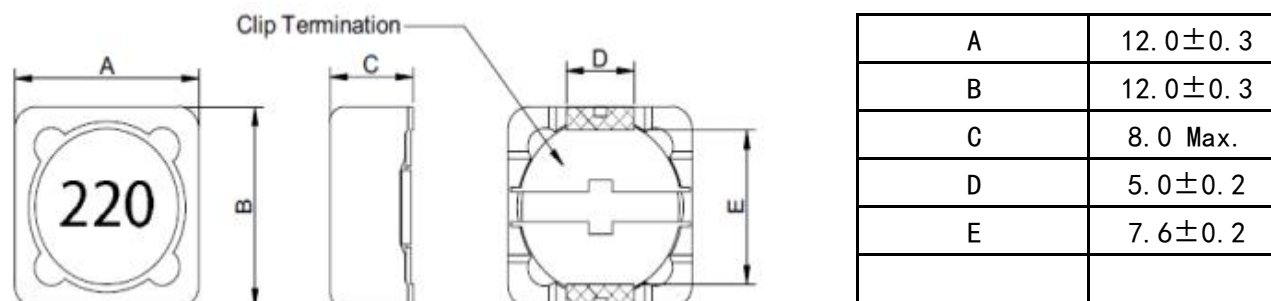
◎Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

◎ Typical Saturation DC Current would cause Lo to drop approximately 35%

△ Operating Temperature Range: -40°C ~ +105°C



E-LIVEN TECHNOLOGY CO., LTD.

PRODUCT: Power Inductor
SERIES: PSPHAQ127
PACKAGING DIMENSION: [Unit: mm]

GENERAL SPECIFICATIONS:
**RoHS
COMPLIANT**

P/N	L0 Inductance μH	Tolerance (±%)	DCR (Ω) max.	Rated Current (A) typ.	Marking
PSPHAQ127-1R5M	1.50	20	0.007	10.00	1R5
PSPHAQ127-2R2M	2.20	20	0.012	8.00	2R2
PSPHAQ127-3R3M	3.30	20	0.014	7.50	3R3
PSPHAQ127-3R9M	3.90	20	0.015	7.00	3R9
PSPHAQ127-4R7M	4.70	20	0.016	6.80	4R7
PSPHAQ127-6R8M	6.80	20	0.018	6.60	6R8
PSPHAQ127-100M	10.00	20	0.022	5.40	100
PSPHAQ127-120M	12.00	20	0.024	4.90	120
PSPHAQ127-150M	15.00	20	0.027	4.60	150
PSPHAQ127-180M	18.00	20	0.039	3.90	180
PSPHAQ127-220M	22.00	20	0.043	3.60	220
PSPHAQ127-270M	27.00	20	0.046	3.40	270
PSPHAQ127-330M	33.00	20	0.065	3.00	330
PSPHAQ127-390M	39.00	20	0.073	2.75	390
PSPHAQ127-470M	47.00	20	0.100	2.50	470
PSPHAQ127-560M	56.00	20	0.110	2.35	560
PSPHAQ127-680M	68.00	20	0.140	2.10	680
PSPHAQ127-820M	82.00	20	0.160	1.95	820

PSPHAQ127-101M	100.00	20	0.220	1.70	101
PSPHAQ127-121M	120.00	20	0.250	1.60	121
PSPHAQ127-151M	150.00	20	0.280	1.42	151
PSPHAQ127-181M	180.00	20	0.350	1.30	181
PSPHAQ127-221M	220.00	20	0.390	1.16	221
PSPHAQ127-271M	270.00	20	0.560	1.06	271
PSPHAQ127-331M	330.00	20	0.640	0.95	331
PSPHAQ127-391M	390.00	20	0.700	0.88	391
PSPHAQ127-471M	470.00	20	0.980	0.79	471
PSPHAQ127-561M	560.00	20	1.070	0.73	561
PSPHAQ127-681M	680.00	20	1.460	0.67	681
PSPHAQ127-821M	820.00	20	1.640	0.60	821
PSPHAQ127-102M	1000.00	20	1.820	0.55	102

◎testing frequency:100KHz/1V

◎All test Data is referenced to 20°C ambient

◎Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

◎ Typical Saturation DC Current would cause Lo to drop approximately 35%

△ Operating Temperature Range: -40°C ~ +105°C

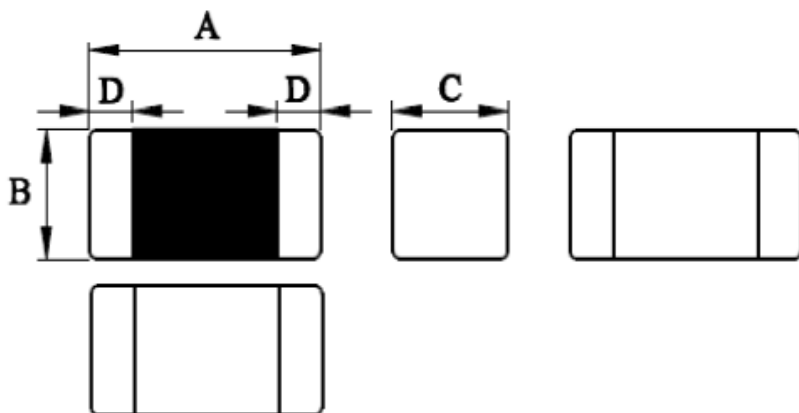


E-LIVEN TECHNOLOGY CO., LTD.

PRODUCT: Ferrite Chip Bead

SERIES: PBFCAQ1005

PACKAGING DIMENSION: [Unit: mm]



A:	1.0±0.1
B:	0.5±0.1
C:	0.5±0.1
D:	0.25±0.1

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	Impedance (Ω) ±25%	Test Frequency (MHz)	DC Resistance (Rdc) Max. (Ω)	Rated Current (Idc) Max. (mA)
PBFCAQ1005KF-300T03	30.0	100	0.20	300
PBFCAQ1005KF-600T03	60.0	100	0.25	300
PBFCAQ1005KF-121T01	120.0	100	0.30	100
PBFCAQ1005KF-151T01	150.0	100	0.30	100
PBFCAQ1005KF-221T01	220.0	100	0.40	100
PBFCAQ1005KF-301T01	300.0	100	0.50	100
PBFCAQ1005KF-471T01	470.0	100	0.65	100
PBFCAQ1005KF-601T00	600.0	100	0.80	80
PBFCAQ1005KF-102T00	1000.0	100	1.20	50
PBFCAQ1005MF-600T01	60.0	100	0.30	100
PBFCAQ1005MF-121T00	120.0	100	0.45	80
PBFCAQ1005MF-221T00	220.0	100	0.60	50
PBFCAQ1005MF-301T00	300.0	100	0.75	50

©All test Data is referenced to 20°C ambient

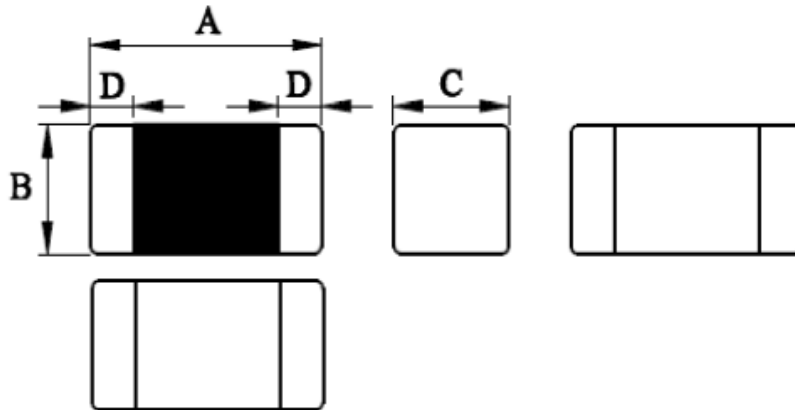
△ Store this product under the condition of 5°C to 40°C, 20% to 70%RH and use within 6 months

△ Standard Quantity for Packaging : 10000pcs/Reel

PRODUCT: High Current Ferrite Chip Bead

SERIES: PBHCAQ1005

PACKAGING DIMENSION: [Unit: mm]



A:	1.0±0.1
B:	0.5±0.1
C:	0.5±0.1
D:	0.25±0.1

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	Impedance (Ω) ±25%	Test Frequency (MHz)	DC Resitance (Rdc) Max. (Ω)	Rated Current (Idc) Max. (mA)
PBHCAQ1005MF-100T25	10.0	100	0.05	2500
PBHCAQ1005KF-121T20	120.0	100	0.095	2000
PBHCAQ1005KF-221T15	220.0	100	0.15	1500
PBHCAQ1005PF-330T30	33.0	100	0.022	3000
PBHCAQ1005PF-600T25	60.0	100	0.032	2500
PBHCAQ1005PF-800T23	80.0	100	0.038	2300

©All test Data is referenced to 20°C ambient

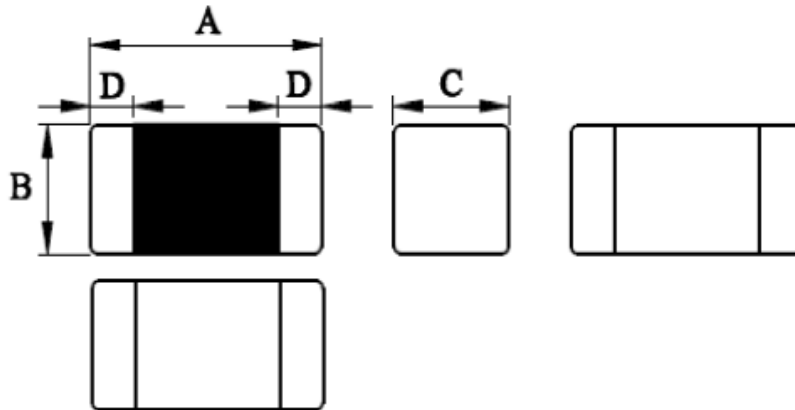
△ Store this product under the condition of 5°C to 40°C, 20% to 70%RH and use within 6 months

△ Standard Quantity for Packaging : 10000pcs/Reel

PRODUCT: Ferrite Chip Bead

SERIES: PBFCAQ1608

PACKAGING DIMENSION: [Unit: mm]



A:	1.6±0.15
B:	0.8±0.15
C:	0.8±0.15
D:	0.3±0.20

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	Impedance (Ω) ±25%	Test Frequency (MHz)	DC Resistance (Rdc) Max. (Ω)	Rated Current (Idc) Max. (mA)
PBFCQA1608KF-300T07	30.0	100	0.20	700
PBFCQA1608KF-600T07	60.0	100	0.20	700
PBFCQA1608KF-121T06	120.0	100	0.25	600
PBFCQA1608KF-151T06	150.0	100	0.25	600
PBFCQA1608KF-221T05	220.0	100	0.30	550
PBFCQA1608KF-301T05	300.0	100	0.35	500
PBFCQA1608KF-471T03	470.0	100	0.45	350
PBFCQA1608KF-601T07	600.0	100	0.50	350
PBFCQA1608KF-102T02	1000.0	100	0.70	200
PBFCQA1608KF-152T02	1500.0	100	1.00	200
PBFCQA1608HF-202T01	2000.0	100	1.20	150
PBFCQA1608CF-100T07	10.0	100	0.20	700
PBFCQA1608CF-300T06	30.0	100	0.25	600
PBFCQA1608CF-600T06	60.0	100	0.30	600
PBFCQA1608CF-121T03	120.0	100	0.40	300
PBFCQA1608CF-151T03	150.0	100	0.40	300

PBFCAQ1608CF-221T02	220.0	100	0.60	250
PBFCAQ1608CF-301T02	300.0	100	0.80	200
PBFCAQ1608CF-471T02	470.0	100	0.85	200
PBFCAQ1608CF-601T01	600.0	100	1.20	150
PBFCAQ1608CF-102T00	1000.0	100	1.50	80

©All test Data is referenced to 20°C ambient

△ Store this product under the condition of 5°C to 40°C, 20% to 70%RH and use within 6 months

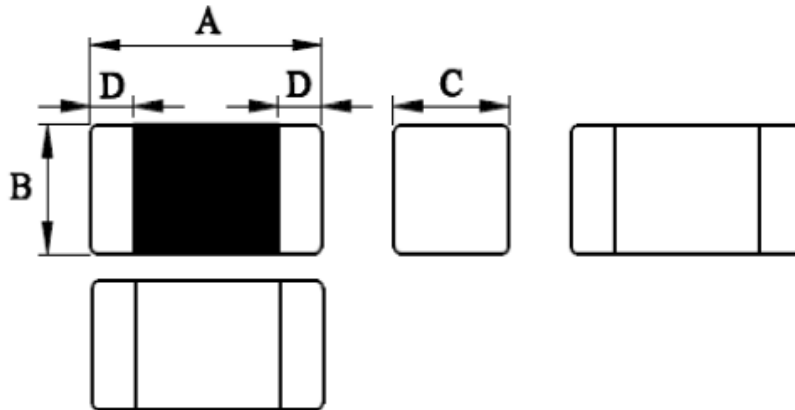
△ Standard Quantity for Packaging : 10000pcs/Reel

 E-LIVEN TECHNOLOGY CO., LTD.

PRODUCT: High Current Ferrite Chip Bead

SERIES: PBHCAQ1608

PACKAGING DIMENSION: [Unit: mm]



A:	1.6±0.15
B:	0.8±0.15
C:	0.8±0.15
D:	0.3±0.20

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	Impedance (Ω) ±25%	Test Frequency (MHz)	DC Resitance (Rdc) Max. (Ω)	Rated Current (Idc) Max. (mA)
PBHCAQ1608KF-300T30	30.0	100	0.04	3000
PBHCAQ1608KF-800T30	80.0	100	0.04	3000
PBHCAQ1608KF-121T20	120.0	100	0.10	2000
PBHCAQ1608KF-151T20	150.0	100	0.10	2000
PBHCAQ1608KF-221T20	220.0	100	0.10	2000
PBHCAQ1608KF-301T10	300.0	100	0.20	1000
PBHCAQ1608KF-471T10	470.0	100	0.20	1000
PBHCAQ1608KF-601T10	600.0	100	0.20	1000

©All test Data is referenced to 20°C ambient

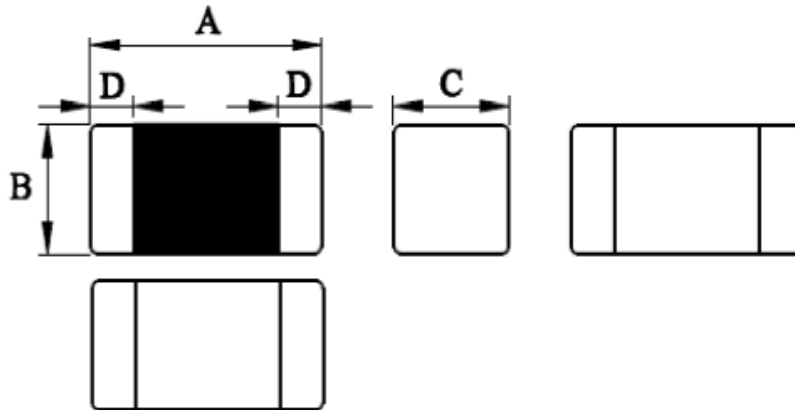
△ Store this product under the condition of 5°C to 40°C, 20% to 70%RH and use within 6 months

△ Standard Quantity for Packaging : 10000pcs/Reel

PRODUCT: Ferrite Chip Bead

SERIES: PBFAQ2012

PACKAGING DIMENSION: [Unit: mm]



A:	2.0±0.2
B:	1.25±0.2
C:	0.85±0.2
D:	0.5±0.3

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	Impedance (Ω) ±25%	Test Frequency (MHz)	DC Resistance (Rdc) Max. (Ω)	Rated Current (Idc) Max. (mA)	备注
PBFAQ2012K-110T09	11.0	100	0.10	900	
PBFAQ2012K-170T06	17.0	100	0.10	600	
PBFAQ2012K-260T06	26.0	100	0.10	600	
PBFAQ2012K-300T06	30.0	100	0.10	600	
PBFAQ2012K-400T06	40.0	100	0.10	600	
PBFAQ2012K-600T09	60.0	100	0.10	900	
PBFAQ2012K-121T08	120.0	100	0.20	800	
PBFAQ2012K-151T08	150.0	100	0.20	800	
PBFAQ2012K-221T07	220.0	100	0.30	750	
PBFAQ2012K-301T07	300.0	100	0.30	700	
PBFAQ2012K-471T07	470.0	100	0.35	700	
PBFAQ2012K-601T05	600.0	100	0.40	500	
PBFAQ2012K-801T04	800.0	100	0.40	450	
PBFAQ2012K-102T04	1000.0	100	0.45	400	
PBFAQ2012H-102T04	1000.0	100	0.45	400	
PBFAQ2012H-152T03	1500.0	100	0.50	350	

PBFCQAQ2012H-202T02	2000.0	100	0.60	250	
PBFCQAQ2012H-232T02	2300.0	100	0.80	200	C: 1.25±0.2
PBFCQAQ2012H-272T01	2700.0	100	1.10	150	C: 1.25±0.2
PBFCQAQ2012N-070T06	7.0	100	0.10	600	
PBFCQAQ2012C-300T07	30.0	100	0.20	700	
PBFCQAQ2012C-600T07	60.0	100	0.20	700	
PBFCQAQ2012C-121T06	120.0	100	0.25	600	
PBFCQAQ2012C-151T06	150.0	100	0.25	600	
PBFCQAQ2012C-221T04	220.0	100	0.30	400	
PBFCQAQ2012C-301T04	300.0	100	0.35	400	
PBFCQAQ2012C-471T04	470.0	100	0.40	400	C: 1.25±0.2
PBFCQAQ2012C-601T03	600.0	100	0.45	300	C: 1.25±0.2
PBFCQAQ2012C-102T02	1000.0	100	0.50	200	C: 1.25±0.2
PBFCQAQ2012W-121T03	120.0	100	0.15	300	
PBFCQAQ2012W-151T03	150.0	100	0.20	300	
PBFCQAQ2012W-221T02	220.0	100	0.30	250	
PBFCQAQ2012W-301T02	300.0	100	0.35	200	
PBFCQAQ2012W-471T02	470.0	100	0.40	200	
PBFCQAQ2012W-601T02	600.0	100	0.45	200	
PBFCQAQ2012W-801T01	800.0	100	0.55	150	
PBFCQAQ2012W-102T01	1000.0	100	0.65	100	

©All test Data is referenced to 20°C ambient

△ Store this product under the condition of 5°C to 40°C, 20% to 70%RH and use within 6 months

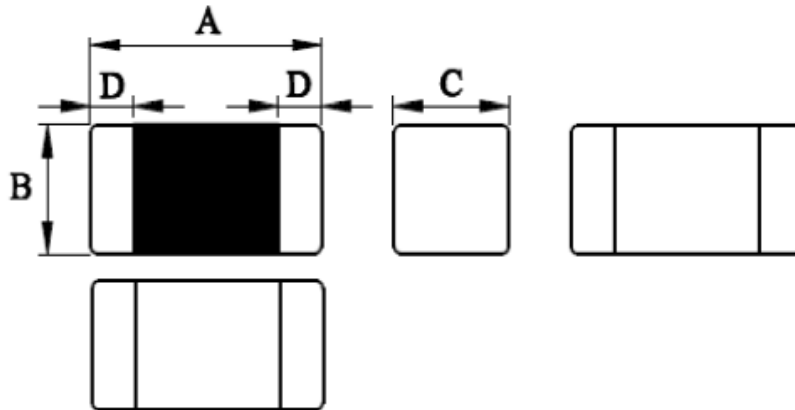
△ Standard Quantity for Packaging : 10000pcs/Reel

 E-LIVEN TECHNOLOGY CO., LTD.

PRODUCT: High Current Ferrite Chip Bead

SERIES: PBHCAQ2012

PACKAGING DIMENSION: [Unit: mm]



A:	2.0±0.2
B:	1.25±0.2
C:	0.85±0.2
D:	0.5±0.3

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	Impedance (Ω) ±25%	Test Frequency (MHz)	DC Resistance (Rdc) Max. (Ω)	Rated Current (Idc) Max. (mA)
PBHCAQ2012KF-300T30	30.0	100	0.04	3000
PBHCAQ2012KF-800T30	80.0	100	0.04	3000
PBHCAQ2012KF-121T20	120.0	100	0.10	2000
PBHCAQ2012KF-151T20	150.0	100	0.10	2000
PBHCAQ2012KF-221T20	220.0	100	0.10	2000
PBHCAQ2012KF-301T10	300.0	100	0.20	1000
PBHCAQ2012KF-471T10	470.0	100	0.20	1000
PBHCAQ2012KF-601T10	600.0	100	0.20	1000

©All test Data is referenced to 20°C ambient

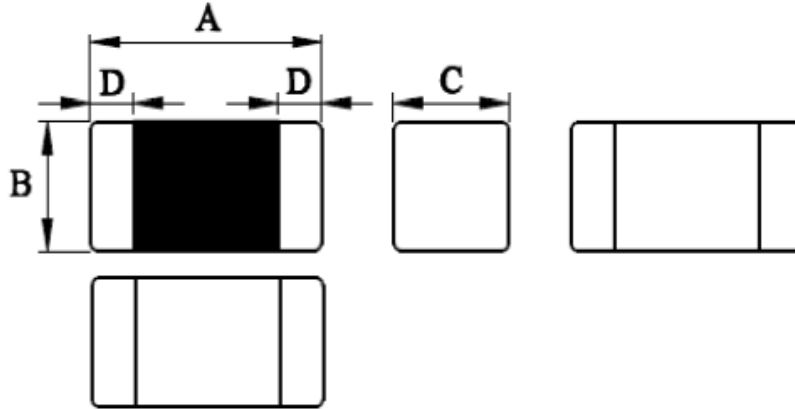
△ Store this product under the condition of 5°C to 40°C, 20% to 70%RH and use within 6 months

△ Standard Quantity for Packaging : 10000pcs/Reel

PRODUCT: High Current Ferrite Chip Bead

SERIES: PBBHAQ3216

PACKAGING DIMENSION: [Unit: mm]



A:	3.2±0.2
B:	1.6±0.2
C:	1.1±0.2
D:	0.5±0.3

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	Impedance (Ω) ±25%	Test Frequency (MHz)	DC Resistance (Rdc) Max. (Ω)	Rated Current (Idc) Max. (mA)
PBBHAQ3216S-300WSP	30.0	100	0.010	6000
PBBHAQ3216S-600USP	60.0	100	0.015	5000
PBBHAQ3216S-750RSP	75.0	100	0.020	4000
PBBHAQ3216S-900QSP	90.0	100	0.025	3000
PBBHAQ3216S-121PSP	120.0	100	0.030	2500
PBBHAQ3216S-181PSP	180.0	100	0.037	2500
PBBHAQ3216S-221NSP	220.0	100	0.045	2000
PBBHAQ3216S-391NSP	390.0	100	0.100	2000
PBBHAQ3216S-601NSP	600.0	100	0.100	2000
PBBHAQ3216S-102LSP	1000.0	100	0.300	1000

©All test Data is referenced to 20°C ambient

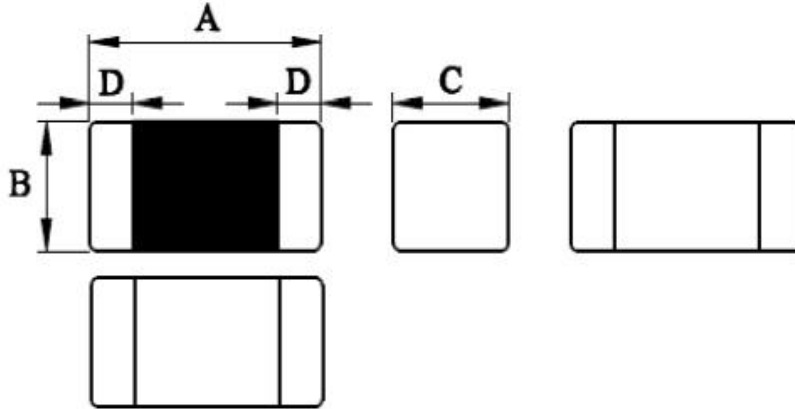
△ Store this product under the condition of 5°C to 40°C, 20% to 70%RH and use within 6 months

△ Standard Quantity for Packaging : 10000pcs/Reel

PRODUCT: Multilayer Inductor

SERIES: PMCCAQ0603C

PACKAGING DIMENSION: [Unit: mm]



A:	0.60±0.05
B:	0.30±0.05
C:	0.30±0.05
D:	0.20±0.10

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L Inductance nH	Q Min.	L, Q Test Freq. L/Q (MHz)	Typical Q @ Freq. (GHz)					DC Resistance (Rdc) Max. (Ω)	Rated Current (Idc) Max (mA)	Min Self- Resonant Frequency (SRF) Typ. (MHz)
				0.5	0.8	1.8	2	2.4			
				Q							
PMCCAQ0603C-0N6SSP	0.6 ±0.3	13	500	>24	>32	>54	>57	>65	0.06	600	10000
PMCCAQ0603C-0N7SSP	0.7 ±0.3	13	500	>24	>32	>54	>57	>65	0.06	550	10000
PMCCAQ0603C-0N8SSP	0.8 ±0.3	13	500	>24	>32	>54	>57	>65	0.07	550	10000
PMCCAQ0603C-0N9SSP	0.9 ±0.3	13	500	>24	>32	>54	>57	>65	0.07	550	10000
PMCCAQ0603C-1N0SSP	1.0 ±0.3	13	500	24	32	54	57	65	0.08	520	10000
PMCCAQ0603C-1N1SSP	1.1 ±0.3	13	500	19	26	45	47	55	0.11	440	10000
PMCCAQ0603C-1N2SSP	1.2 ±0.3	13	500	19	25	43	44	52	0.12	420	10000
PMCCAQ0603C-1N3SSP	1.3 ±0.3	13	500	19	25	40	42	47	0.12	420	10000
PMCCAQ0603C-1N4SSP	1.4 ±0.3	13	500	19	24	39	41	47	0.11	440	10000
PMCCAQ0603C-1N5SSP	1.5 ±0.3	13	500	19	24	39	41	46	0.12	420	10000
PMCCAQ0603C-1N6SSP	1.6 ±0.3	13	500	19	24	39	41	46	0.13	410	10000
PMCCAQ0603C-1N7SSP	1.7 ±0.3	13	500	19	24	39	41	46	0.15	380	10000
PMCCAQ0603C-1N8SSP	1.8 ±0.3	13	500	19	24	39	41	46	0.15	380	10000
PMCCAQ0603C-1N9SSP	1.9 ±0.3	13	500	18	24	38	40	45	0.18	350	10000
PMCCAQ0603C-2N0SSP	2.0 ±0.3	13	500	17	24	38	39	44	0.23	300	10000
PMCCAQ0603C-2N1SSP	2.1 ±0.3	13	500	17	24	37	39	44	0.24	300	10000

PMCCAQ0603C-2N2SSP	2.2 ±0.3	13	500	17	24	38	40	43	0.25	290	10000
PMCCAQ0603C-2N3SSP	2.3 ±0.3	13	500	17	24	37	39	44	0.20	330	10000
PMCCAQ0603C-2N4SSP	2.4 ±0.3	13	500	17	23	36	38	42	0.22	310	10000
PMCCAQ0603C-2N5SSP	2.5 ±0.3	13	500	17	23	35	36	40	0.20	330	9600
PMCCAQ0603C-2N6SSP	2.6 ±0.3	13	500	17	22	34	35	39	0.20	330	9400
PMCCAQ0603C-2N7SSP	2.7 ±0.3	13	500	17	22	34	35	39	0.22	310	9200
PMCCAQ0603C-2N8SSP	2.8 ±0.3	13	500	17	22	34	35	39	0.24	300	8900
PMCCAQ0603C-2N9SSP	2.9 ±0.3	13	500	17	22	34	35	39	0.26	280	8800
PMCCAQ0603C-3N0SSP	3.0 ±0.3	13	500	17	22	34	35	39	0.26	280	8600
PMCCAQ0603C-3N1SSP	3.1 ±0.3	13	500	17	22	34	35	39	0.28	270	8600
PMCCAQ0603C-3N2SSP	3.2 ±0.3	13	500	17	22	34	35	39	0.28	270	8200
PMCCAQ0603C-3N3SSP	3.3 ±0.3	13	500	18	23	34	36	40	0.30	270	8100
PMCCAQ0603C-3N4SSP	3.4 ±0.3	13	500	17	23	33	35	39	0.30	270	8000
PMCCAQ0603C-3N5SSP	3.5 ±0.3	13	500	17	23	33	35	39	0.34	250	7900
PMCCAQ0603C-3N6SSP	3.6 ±0.3	13	500	16	23	33	35	39	0.38	240	7700
PMCCAQ0603C-3N7SSP	3.7 ±0.3	13	500	16	23	33	35	38	0.40	230	7600
PMCCAQ0603C-3N8SSP	3.8 ±0.3	13	500	16	23	33	35	38	0.42	230	7500
PMCCAQ0603C-3N9SSP	3.9 ±0.3	13	500	16	23	33	35	38	0.42	230	7400
PMCCAQ0603C-4N3SSP	4.3 ±0.3	13	500	16	21	32	34	37	0.44	220	6800
PMCCAQ0603C-4N7SSP	4.7 ±0.3	13	500	16	22	33	35	38	0.45	220	6200
PMCCAQ0603C-5N1SSP	5.1 ±0.3	13	500	17	22	34	36	38	0.46	210	5900
PMCCAQ0603C-5N6SSP	5.6 ±0.3	13	500	16	21	33	34	37	0.46	210	5500
PMCCAQ0603C-6N2SSP	6.2 ±0.3	13	500	18	23	34	35	37	0.48	210	5100
PMCCAQ0603C-6N8JSP	6.8 ±5%	13	500	17	22	32	33	35	0.50	200	4900
PMCCAQ0603C-7N5JSP	7.5 ±5%	13	500	16	21	31	33	34	0.50	200	4700
PMCCAQ0603C-8N2JSP	8.2 ±5%	13	500	16	21	31	32	34	0.56	190	4300
PMCCAQ0603C-9N1JSP	9.1 ±5%	13	500	16	20	30	31	32	0.72	170	4100
PMCCAQ0603C-10NJSP	10 ±5%	13	500	16	20	28	29	31	0.80	160	3800
PMCCAQ0603C-12NJSP	12 ±5%	13	500	16	20	27	28	28	0.80	160	3400
PMCCAQ0603C-15NJSP	15 ±5%	13	500	15	19	24	24	23	0.85	160	2600
PMCCAQ0603C-18NJSP	18 ±5%	13	500	15	19	23	24	22	1.00	140	2300
PMCCAQ0603C-22NJSP	22 ±5%	13	500	15	19	22	23	20	1.20	130	1900
PMCCAQ0603C-27NJSP	27 ±5%	13	500	15	19	15	13	8	1.60	120	1800
PMCCAQ0603C-33NJSP	33 ±5%	11	300	14	15	8	5	-	2.20	110	1800
PMCCAQ0603C-39NJSP	39 ±5%	11	300	14	15	6	-	-	2.30	100	1600
PMCCAQ0603C-47NJSP	47 ±5%	11	300	14	15	-	-	-	2.60	100	1500

PMCCAQ0603C-56NJSP	56 ±5%	11	300	13	13	-	-	-	2.80	80	1400
PMCCAQ0603C-68NJSP	68 ±5%	11	300	13	11	-	-	-	3.20	80	1200
PMCCAQ0603C-82NJSP	82 ±5%	10	300	12	10	-	-	-	3.80	70	1100
PMCCAQ0603C-R10JSP	100 ±5%	10	300	12	10	-	-	-	4.00	60	1000
PMCCAQ0603C-R12JSP	120 ±5%	9	300	12	8	-	-	-	5.00	50	1000

◎All test Data is referenced to 20°C ambient

△ Operating Temperature Range: -55°C to +125°C

△ Store this product under the condition of 5°C to 40°C, 20% to 70%RH and use within 6 months

△ Standard Quantity for Packaging : 10000pcs/Reel



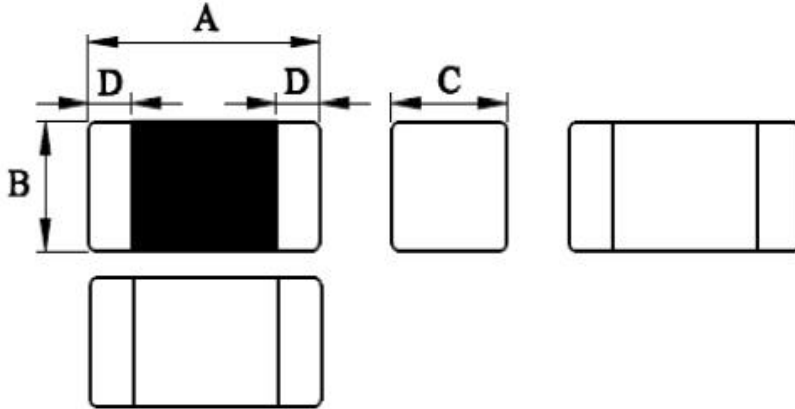
E-LIVEN TECHNOLOGY CO., LTD.



PRODUCT: Multilayer Inductor

SERIES: PMCCAQ1005C

PACKAGING DIMENSION: [Unit: mm]



A:	1.0±0.1
B:	0.5±0.1
C:	0.5±0.1
D:	0.25±0.1

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L Inductance nH	Q Min.	L, Q Test Freq. L/Q (MHz)	Typical Q @ Freq. (MHz)						DC Resitance (Rdc) Max. (Ω)	Rated Current (I _{dc}) Max (mA)	Self-Resonant Frequency (SRF) Typ. (MHz)
				100	300	500	800	1000	1800			
PMCCAQ1005C-1N0SSP	1.0 ±0.3	8	100	11	21	25	33	35	52	0.10	400	6000
PMCCAQ1005C-1N1SSP	1.1 ±0.3	8	100	11	21	25	33	35	52	0.10	400	6000
PMCCAQ1005C-1N2SSP	1.2 ±0.3	8	100	11	21	25	33	35	52	0.10	400	6000
PMCCAQ1005C-1N3SSP	1.3 ±0.3	8	100	11	21	25	33	35	52	0.12	400	6000
PMCCAQ1005C-1N5SSP	1.5 ±0.3	8	100	11	21	25	33	35	52	0.13	400	6000
PMCCAQ1005C-1N8SSP	1.8 ±0.3	8	100	10	18	21	29	32	49	0.14	400	6000
PMCCAQ1005C-2N0SSP	2.0 ±0.3	8	100	10	17	21	28	31	47	0.15	400	6000
PMCCAQ1005C-2N2SSP	2.2 ±0.3	8	100	10	17	21	28	31	47	0.16	400	6000
PMCCAQ1005C-2N4SSP	2.4 ±0.3	8	100	10	17	21	28	31	46	0.16	400	5500
PMCCAQ1005C-2N7SSP	2.7 ±0.3	8	100	10	17	21	28	31	46	0.17	400	5500
PMCCAQ1005C-3N0SSP	3.0 ±0.3	8	100	10	17	21	28	31	46	0.18	400	5500
PMCCAQ1005C-3N3SSP	3.3 ±0.3	8	100	10	17	21	28	31	46	0.19	400	5500
PMCCAQ1005C-3N6SSP	3.6 ±0.3	8	100	10	17	21	28	31	45	0.22	400	5200
PMCCAQ1005C-3N9SSP	3.9 ±0.3	8	100	10	17	21	28	31	45	0.22	400	5200
PMCCAQ1005C-4N3SSP	4.3 ±0.3	8	100	10	17	21	28	31	45	0.24	400	4800
PMCCAQ1005C-4N7SSP	4.7 ±0.3	8	100	10	17	21	28	31	45	0.24	400	4800

PMCCAQ1005C-5N1SSP	5.1 ±0.3	8	100	10	17	21	25	29	44	0.26	400	4600
PMCCAQ1005C-5N6SSP	5.6 ±0.3	8	100	10	17	21	25	29	44	0.27	400	4600
PMCCAQ1005C-6N2SSP	6.2 ±0.3	8	100	10	17	21	25	29	44	0.30	300	4200
PMCCAQ1005C-6N8JSP	6.8 ±5%	8	100	10	18	21	26	30	44	0.32	300	4000
PMCCAQ1005C-7N5JSP	7.5 ±5%	8	100	10	18	21	26	30	43	0.37	300	3600
PMCCAQ1005C-8N2JSP	8.2 ±5%	8	100	10	18	21	26	30	43	0.37	300	3600
PMCCAQ1005C-9N1JSP	9.1 ±5%	8	100	10	18	21	26	30	42	0.42	300	3200
PMCCAQ1005C-10NJSP	10 ±5%	8	100	10	18	21	26	30	42	0.42	300	3200
PMCCAQ1005C-12NJSP	12 ±5%	8	100	10	17	21	24	27	33	0.50	300	2800
PMCCAQ1005C-15NJSP	15 ±5%	8	100	10	17	20	23	26	27	0.55	300	2500
PMCCAQ1005C-18NJSP	18 ±5%	8	100	10	17	20	21	23	9	0.65	300	2200
PMCCAQ1005C-22NJSP	22 ±5%	8	100	10	18	21	22	23	-	0.80	200	2000
PMCCAQ1005C-27NJSP	27 ±5%	8	100	10	18	20	21	22	-	0.90	200	1600
PMCCAQ1005C-33NJSP	33 ±5%	8	100	10	18	20	21	21	-	1.00	200	1300
PMCCAQ1005C-39NJSP	39 ±5%	8	100	10	18	19	20	17	-	1.20	150	1200
PMCCAQ1005C-47NJSP	47 ±5%	8	100	10	18	19	18	-	-	1.30	150	1000
PMCCAQ1005C-56NJSP	56 ±5%	8	100	10	18	19	13	-	-	1.60	150	900
PMCCAQ1005C-68NJSP	68 ±5%	8	100	10	18	19	13	-	-	2.10	150	800
PMCCAQ1005C-82NJSP	82 ±5%	8	100	10	18	19	13	-	-	2.40	150	750
PMCCAQ1005C-R10JSP	100 ±5%	8	100	10	18	19	12	-	-	2.60	150	700
PMCCAQ1005C-R12JSP	120 ±5%	8	100	10	18	19	-	-	-	2.80	150	600
PMCCAQ1005C-R15JSP	150 ±5%	8	100	10	17	8	-	-	-	3.20	100	550
PMCCAQ1005C-R18JSP	180 ±5%	8	100	10	17	-	-	-	-	3.70	100	500
PMCCAQ1005C-R22JSP	220 ±5%	8	100	12	14	-	-	-	-	4.00	100	450
PMCCAQ1005C-R27JSP	270 ±5%	8	100	12	12	-	-	-	-	4.50	100	400
PMCCAQ1005C-R30JSP	300 ±5%	5	50	12	-	-	-	-	-	7.00	50	350
PMCCAQ1005C-R33JSP	330 ±5%	5	50	8	-	-	-	-	-	7.00	50	350
PMCCAQ1005C-R36JSP	360 ±5%	5	50	12	-	-	-	-	-	7.50	50	300

©All test Data is referenced to 20°C ambient

△ Operating Temperature Range: -55°C to +125°C

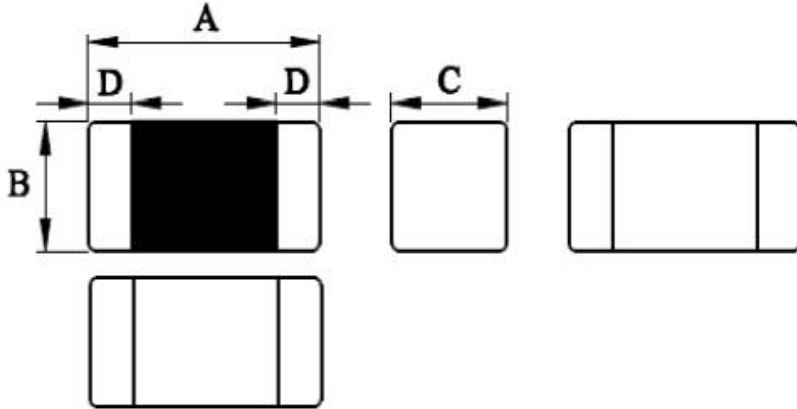
△ Store this product under the condition of 5°C to 40°C, 20% to 70%RH and use within 6 months

△ Standard Quantity for Packaging : 10000pcs/Reel

PRODUCT: Multilayer Inductor

SERIES: PMCLAQ1005

PACKAGING DIMENSION: [Unit: mm]



A:	1.0±0.1
B:	0.5±0.1
C:	0.5±0.1
D:	0.25±0.1

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L Inductance μH	Q Min.	L, Q Test Freq. L/Q Freq. (MHz)	DC Resistance (Rdc) Max. (Ω)	Rated Current (Idc) Max. (mA)	Self-Resonant Frequency (SRF) Typ. (MHz)
PMCLAQ1005L-47NKSP	0.047	10	50	0.45	25	220
PMCLAQ1005L-68NKSP	0.068	10	50	0.45	25	210
PMCLAQ1005L-82NKSP	0.082	10	50	0.45	25	200
PMCLAQ1005L-R10KSP	0.10	10	25	0.80	25	200
PMCLAQ1005L-R12KSP	0.12	10	25	0.80	25	165
PMCLAQ1005L-R15KSP	0.15	10	25	0.90	25	140
PMCLAQ1005L-R18KSP	0.18	10	25	0.90	25	120
PMCLAQ1005L-R22KSP	0.22	10	25	1.20	25	110
PMCLAQ1005L-R27KSP	0.27	15	25	1.20	25	95
PMCLAQ1005L-R33KSP	0.33	15	25	1.25	18	85
PMCLAQ1005Q-R39KSP	0.39	20	10	0.60	15	85
PMCLAQ1005Q-R47KSP	0.47	20	10	0.70	15	80
PMCLAQ1005Q-R56KSP	0.56	20	10	0.80	15	75
PMCLAQ1005Q-R68KSP	0.68	20	10	0.90	15	70
PMCLAQ1005Q-R82KSP	0.82	20	10	0.90	15	65
PMCLAQ1005Q-1R0KSP	1.00	20	10	0.90	15	40

PMCLAQ1005Q-1R2KSP	1.20	20	10	1.20	15	35
PMCLAQ1005Q-1R5KSP	1.50	20	10	1.20	15	30
PMCLAQ1005Q-1R8KSP	1.80	20	10	1.45	15	30
PMCLAQ1005Q-2R2KSP	2.20	20	10	1.70	10	28
PMCLAQ1005Q-2R7KSP	2.70	20	10	2.40	10	28
PMCLAQ1005Q-3R3KSP	3.30	20	10	2.70	10	28

©All test Data is referenced to 20°C ambient

△ Operating Temperature Range: -55°C to +125°C

△ Store this product under the condition of 5°C to 40°C, 20% to 70%RH and use within 6 months

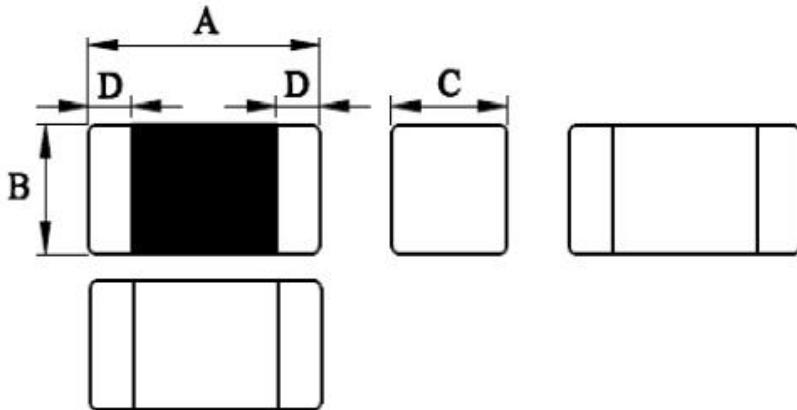
△ Standard Quantity for Packaging : 10000pcs/Reel



PRODUCT: Multilayer Inductor

SERIES: PMCLAQ1608

PACKAGING DIMENSION: [Unit: mm]



A:	1.6±0.15
B:	0.8±0.15
C:	0.8±0.15
D:	0.3±0.2

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L Inductance μH	Q Min.	L, Q Test Freq. L/Q Freq. (MHz)	DC Resistance (Rdc) Max. (Ω)	Rated Current (Idc) Max. (mA)	Self-Resonant Frequency (SRF) Typ. (MHz)
PMCLAQ1608L-47NKSP	0.047 ±20%	10	50	0.30	50	260
PMCLAQ1608L-68NKSP	0.068 ±20%	10	50	0.30	50	250
PMCLAQ1608L-82NKSP	0.082 ±20%	10	50	0.30	50	245
PMCLAQ1608L-R10KSP	0.100 ±10%	15	25	0.50	50	240
PMCLAQ1608L-R12KSP	0.120 ±10%	15	25	0.50	50	205
PMCLAQ1608L-R15KSP	0.150 ±10%	15	25	0.60	50	180
PMCLAQ1608L-R18KSP	0.180 ±10%	15	25	0.60	50	165
PMCLAQ1608L-R22KSP	0.220 ±10%	15	25	0.80	50	150
PMCLAQ1608L-R27KSP	0.270 ±10%	15	25	0.80	50	136
PMCLAQ1608L-R33KSP	0.330 ±10%	15	25	0.85	35	125
PMCLAQ1608L-R39KSP	0.390 ±10%	15	25	1.00	35	110
PMCLAQ1608L-R47KSP	0.470 ±10%	15	25	1.35	35	105
PMCLAQ1608L-R56KSP	0.560 ±10%	15	25	1.55	35	95
PMCLAQ1608L-R68KSP	0.680 ±10%	15	25	1.70	35	90
PMCLAQ1608L-R82KSP	0.820 ±10%	15	25	2.10	35	85
PMCLAQ1608Q-1R0KSP	1.000 ±10%	35	10	0.60	25	75

PMCLAQ1608Q-1R1KSP	1.100 ±10%	35	10	0.60	25	75
PMCLAQ1608Q-1R2KSP	1.200 ±10%	35	10	0.80	25	65
PMCLAQ1608Q-1R5KSP	1.500 ±10%	35	10	0.80	25	60
PMCLAQ1608Q-1R8KSP	1.800 ±10%	35	10	0.95	25	55
PMCLAQ1608Q-2R2KSP	2.200 ±10%	35	10	1.15	15	50
PMCLAQ1608Q-2R7KSP	2.700 ±10%	35	10	1.35	15	45
PMCLAQ1608Q-3R3KSP	3.300 ±10%	35	10	1.55	15	40
PMCLAQ1608Q-3R9KSP	3.900 ±10%	35	10	1.70	15	35
PMCLAQ1608Q-4R7KSP	4.700 ±10%	35	10	2.10	15	33
PMCLAQ1608Q-5R6KSP	5.600 ±10%	35	4	1.55	5	22
PMCLAQ1608Q-6R8KSP	6.800 ±10%	35	4	1.70	5	20
PMCLAQ1608Q-8R2KSP	8.200 ±10%	35	4	2.10	5	18
PMCLAQ1608Q-100KSP	10.00 ±10%	30	2	1.85	3	17
PMCLAQ1608Q-120KSP	12.00 ±10%	30	2	2.10	3	15
PMCLAQ1608Q-150KSP	15.00 ±10%	20	1	1.70	1	14
PMCLAQ1608Q-180KSP	18.00 ±10%	20	1	1.85	1	13
PMCLAQ1608Q-220KSP	22.00 ±10%	20	1	2.10	1	11
PMCLAQ1608Q-270KSP	27.00 ±10%	20	1	2.75	1	10
PMCLAQ1608Q-330KSP	33.00 ±10%	20	1	2.95	1	9

©All test Data is referenced to 20°C ambient

△ Operating Temperature Range: -40°C to +105°C

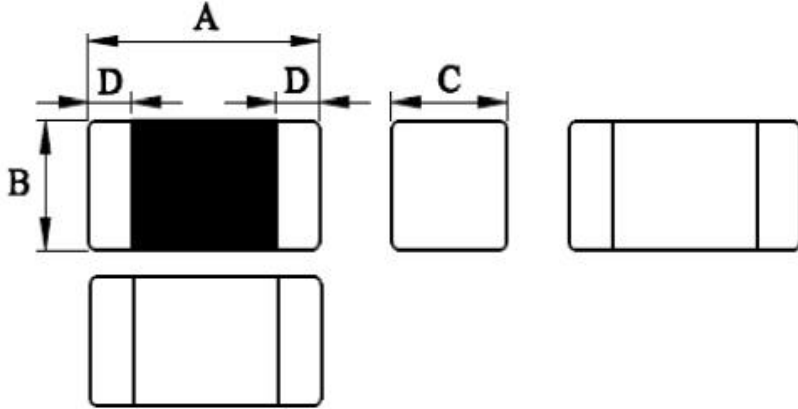
△ Store this product under the condition of 5°C to 40°C, 20% to 70%RH and use within 6 months

△ Standard Quantity for Packaging : 4000pcs/Reel

PRODUCT: Multilayer Inductor

SERIES: PMCLAQ2012

PACKAGING DIMENSION: [Unit: mm]



A:	2.0±0.2
B:	1.25±0.2
C:	0.9±0.2
D:	0.5±0.3

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L Inductance μH	Q Min.	L, Q Test Freq. L/Q Freq. (MHz)	DC Resistance (Rdc) Max. (Ω)	Rated Current (I _{dc}) Max. (mA)	Self-Resonant Frequency (SRF) Typ. (MHz)
PMCLAQ2012L-47NKSP	0.047 ±10%	15	50	0.20	300	320
PMCLAQ2012L-68NKSP	0.068 ±10%	15	50	0.20	300	280
PMCLAQ2012L-82NKSP	0.082 ±10%	15	50	0.20	300	255
PMCLAQ2012L-R10KSP	0.100 ±10%	20	25	0.30	250	235
PMCLAQ2012L-R12KSP	0.120 ±10%	20	25	0.30	250	220
PMCLAQ2012L-R15KSP	0.150 ±10%	20	25	0.40	250	200
PMCLAQ2012L-R18KSP	0.180 ±10%	20	25	0.40	250	185
PMCLAQ2012L-R22KSP	0.220 ±10%	20	25	0.50	250	170
PMCLAQ2012L-R27KSP	0.270 ±10%	20	25	0.50	250	150
PMCLAQ2012L-R33KSP	0.330 ±10%	20	25	0.55	250	145
PMCLAQ2012L-R39KSP	0.390 ±10%	25	25	0.65	200	135
PMCLAQ2012L-R47KSP	0.470 ±10%	25	25	0.65	200	125
PMCLAQ2012L-R56KSP	0.560 ±10%	25	25	0.75	150	115
PMCLAQ2012L-R68KSP	0.680 ±10%	25	25	0.80	150	105
PMCLAQ2012L-R82KSP	0.820 ±10%	25	25	1.00	150	100
PMCLAQ2012P-1R0KSP	1.000 ±10%	45	10	0.40	50	75

PMCLAQ2012P-1R1KSP	1.100 ±10%	45	10	0.50	50	65
PMCLAQ2012P-1R2KSP	1.200 ±10%	45	10	0.50	50	65
PMCLAQ2012P-1R5KSP	1.500 ±10%	45	10	0.50	50	60
PMCLAQ2012P-1R8KSP	1.800 ±10%	45	10	0.60	50	55
PMCLAQ2012P-2R2KSP	2.200 ±10%	45	10	0.65	30	50
PMCLAQ2012P-2R4KSP	2.400 ±10%	45	10	0.70	30	47
PMCLAQ2012P-2R7KSP	2.700 ±10%	45	10	0.75	30	45
PMCLAQ2012P-3R3KSP	3.300 ±10%	45	10	0.80	30	41
PMCLAQ2012P-3R9KSP	3.900 ±10%	45	10	0.90	30	38
PMCLAQ2012P-4R7KSP	4.700 ±10%	45	10	1.00	30	35
PMCLAQ2012S-5R6KSP	5.600 ±10%	50	4	0.90	15	32
PMCLAQ2012S-6R8KSP	6.800 ±10%	50	4	1.00	15	29
PMCLAQ2012S-8R2KSP	8.200 ±10%	50	4	1.10	15	26
PMCLAQ2012S-100KSP	10.00 ±10%	50	2	1.15	15	24
PMCLAQ2012S-120KSP	12.00 ±10%	50	2	1.25	15	22
PMCLAQ2012T-150KSP	15.00 ±10%	30	1	0.80	5	19
PMCLAQ2012T-180KSP	18.00 ±10%	30	1	0.90	5	18
PMCLAQ2012T-220KSP	22.00 ±10%	30	1	1.10	5	16
PMCLAQ2012T-270KSP	27.00 ±10%	30	1	1.15	5	14
PMCLAQ2012T-330KSP	33.00 ±10%	30	0.4	1.25	5	13
PMCLAQ2012T-390KSP	39.00 ±10%	35	2	2.90	4	8
PMCLAQ2012T-470KSP	47.00 ±10%	35	2	3.00	4	7.5
PMCLAQ2012T-560KSP	56.00 ±10%	35	2	3.10	4	7
PMCLAQ2012T-680KSP	68.00 ±10%	25	1	2.90	2	6.5
PMCLAQ2012T-820KSP	82.00 ±10%	25	1	3.00	2	6
PMCLAQ2012T-101KSP	100.0 ±10%	25	1	3.10	2	5.5

©All test Data is referenced to 20°C ambient

△ Operating Temperature Range: -40°C to +105°C

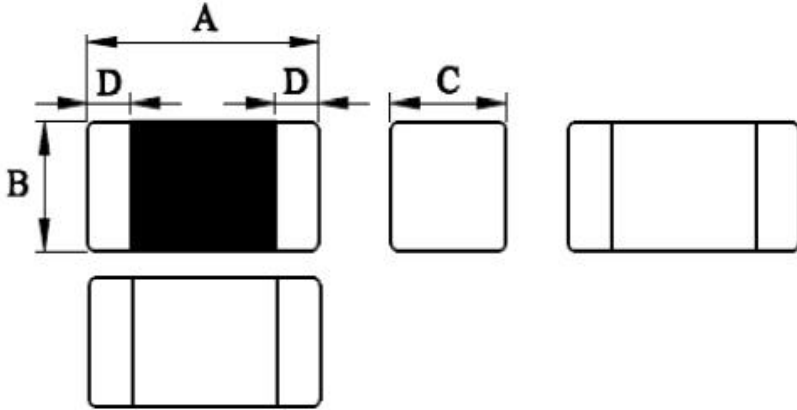
△ Store this product under the condition of 5°C to 40°C, 20% to 70%RH and use within 6 months

△ Standard Quantity for Packaging : 4000pcs/Reel

PRODUCT: Multilayer Inductor

SERIES: PMCLAQ3216

PACKAGING DIMENSION: [Unit: mm]



A:	3.20±0.2
B:	1.60±0.2
C:	1.10±0.2
D:	0.5±0.3

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L Inductance μH	Q Min.	L, Q Test Freq. L/Q Freq. (MHz)	DC Resitance (Rdc) Max. (Ω)	Rated Current (Idc) Max. (mA)	Self-Resonant Frequency (SRF) Typ. (MHz)
PMCLAQ3216L-47NKSP	0.047 ±10%	20	50	0.15	300	320
PMCLAQ3216L-68NKSP	0.068 ±10%	20	50	0.25	300	280
PMCLAQ3216L-R10KSP	0.100 ±10%	20	25	0.25	250	235
PMCLAQ3216L-R12KSP	0.120 ±10%	20	25	0.30	250	220
PMCLAQ3216L-R15KSP	0.150 ±10%	20	25	0.30	250	200
PMCLAQ3216L-R18KSP	0.180 ±10%	20	25	0.40	250	185
PMCLAQ3216L-R22KSP	0.220 ±10%	20	25	0.40	250	170
PMCLAQ3216L-R27KSP	0.270 ±10%	20	25	0.50	250	150
PMCLAQ3216L-R33KSP	0.330 ±10%	20	25	0.50	250	145
PMCLAQ3216L-R39KSP	0.390 ±10%	25	25	0.50	200	135
PMCLAQ3216L-R47KSP	0.470 ±10%	25	25	0.60	200	125
PMCLAQ3216L-R56KSP	0.560 ±10%	25	25	0.70	150	115
PMCLAQ3216L-R68KSP	0.680 ±10%	25	25	0.80	150	105
PMCLAQ3216L-R82KSP	0.820 ±10%	25	25	0.90	150	100
PMCLAQ3216Q-1R0KSP	1.000 ±10%	45	10	0.40	100	75
PMCLAQ3216Q-1R2KSP	1.200 ±10%	45	10	0.50	100	65

PMCLAQ3216Q-1R5KSP	1.500 ±10%	45	10	0.50	50	60
PMCLAQ3216Q-1R8KSP	1.800 ±10%	45	10	0.50	50	55
PMCLAQ3216Q-2R2KSP	2.200 ±10%	45	10	0.60	50	50
PMCLAQ3216Q-2R7KSP	2.700 ±10%	45	10	0.60	50	45
PMCLAQ3216Q-3R3KSP	3.300 ±10%	45	10	0.70	50	41
PMCLAQ3216Q-3R9KSP	3.900 ±10%	45	10	0.80	50	38
PMCLAQ3216Q-4R7KSP	4.700 ±10%	45	10	0.90	50	35
PMCLAQ3216S-5R6KSP	5.600 ±10%	50	4	0.70	25	32
PMCLAQ3216S-6R8KSP	6.800 ±10%	50	4	0.80	25	29
PMCLAQ3216S-8R2KSP	8.200 ±10%	50	4	0.90	25	26
PMCLAQ3216S-100KSP	10.00 ±10%	50	2	1.00	25	24
PMCLAQ3216S-120KSP	12.00 ±10%	50	2	1.05	15	22
PMCLAQ3216S-150KSP	15.00 ±10%	35	1	0.70	5	19
PMCLAQ3216S-180KSP	18.00 ±10%	35	1	0.70	5	18
PMCLAQ3216S-220KSP	22.00 ±10%	35	1	0.90	5	16
PMCLAQ3216S-270KSP	27.00 ±10%	35	1	0.90	5	14
PMCLAQ3216S-330KSP	33.00 ±10%	35	0.4	1.05	5	13
PMCLAQ3216S-390KSP	39.00 ±10%	40	2	3.00	5	11
PMCLAQ3216S-470KSP	47.00 ±10%	40	2	3.40	5	10

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