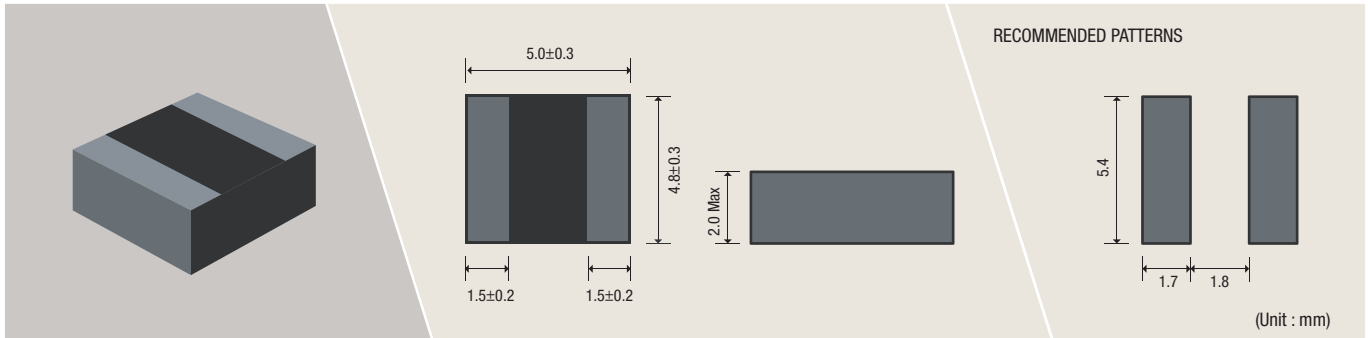


HSPP504820L

POWER INDUCTORS FOR SURFACE MOUNTING



(Unit : mm)

FEATURES

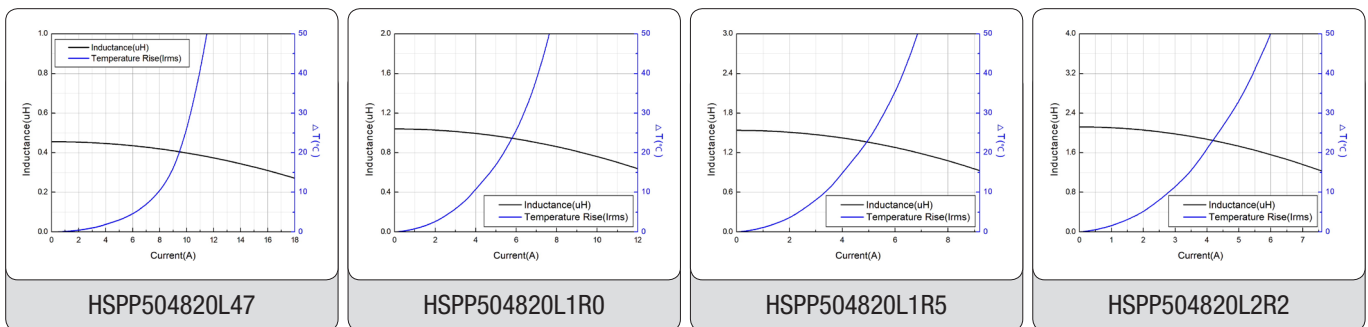
- Magnetic alloy power choke coil.
- Miniature size(5.0×4.8)
- Magnetic shielded.
- Low acoustic noise and high efficiency.
- Halogen Free and RoHS compliant.
- Low DCR

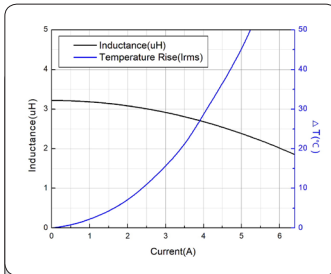
SPECIFICATION

Part. No.	Inductance @1MHz [μH]	DC Resistance [mΩ]Typ(Max)	Saturation Current _{sat 30%} [A] Typ.	Rated Current _{dc} [A] Typ. (ΔT = 40°C)
HSPP504820LR47	0.47 ± 20%	6(7.2)	16.00	11.00
HSPP504820L1R0	1.0 ± 20%	14(16)	10.60	7.10
HSPP504820L1R5	1.5 ± 20%	15(18)	8.00	6.50
HSPP504820L2R2	2.2 ± 20%	22(26)	6.40	5.50
HSPP504820L3R3	3.3 ± 20%	27(34)	5.30	4.80
HSPP504820L4R7	4.7 ± 20%	42(50)	4.20	3.90
HSPP504820L6R8	6.8 ± 20%	62(74)	3.70	3.20
HSPP504820L100	10 ± 20%	87(104)	3.10	2.70
HSPP504820L220	22 ± 20%	190(228)	2.30	1.80
HSPP504820L470	47 ± 20%	444(530)	1.50	1.20

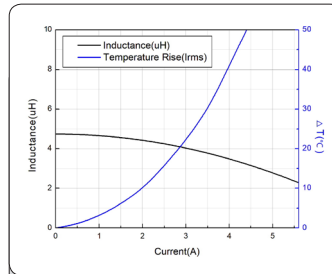
- Inductance is measured with the 4294A(AgilentTechnologies) or equivalent. (@1 MHz, 0.1Vrms)
- DCResistance is measured with the Digital Multimeter 3541(Hioki) or equivalent.
- Maximum allowable DC current is that which caused a 30% inductance reduction from the initial value, coil temperature to rise by 40°C whichever is smaller. (Ambient temp.20°C)

ELECTRICAL CHARACTERISTICS

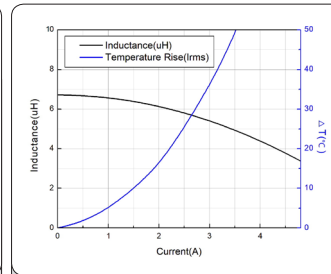




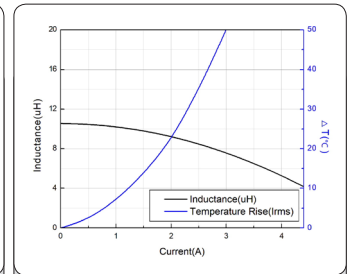
HSP504820L3R3



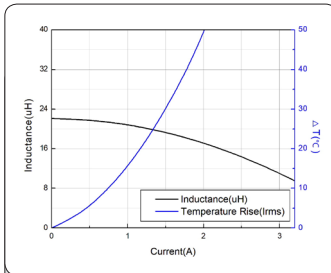
HSP504820L4R7



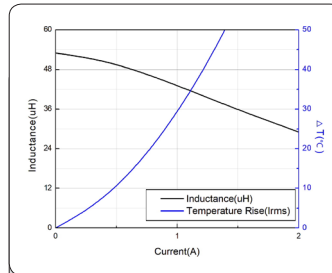
HSP504820L6R8



HSP504820L100

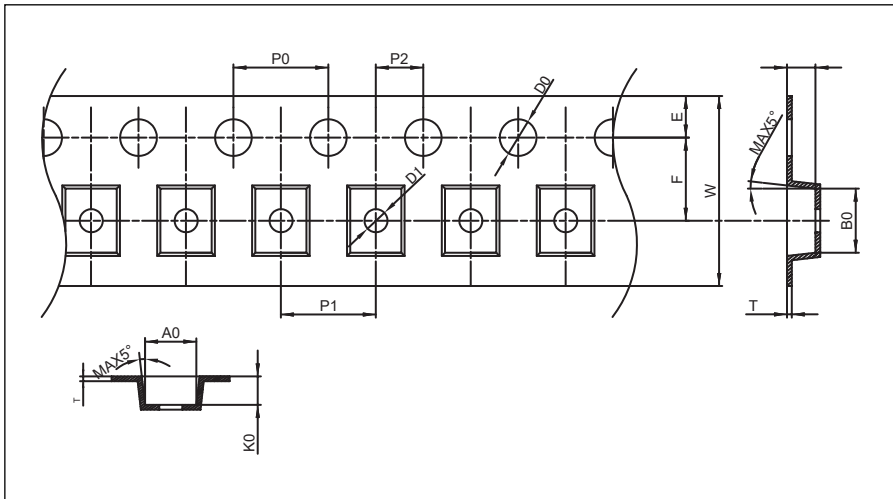


HSP504820L220



HSP504820L470

REEL TAPE SPECIFICATION



Symbol	Specification
A0	5.30± 0.1
B0	5.50± 0.1
K0	2.30± 0.1
P0	4.00± 0.1
P1	8.00± 0.1
P2	2.00± 0.05
T	0.30± 0.05
E	1.75± 0.1
F	5.50± 0.05
D0	1.50± 0.1
D1	1.50± 0.1
W	12.00± 0.2