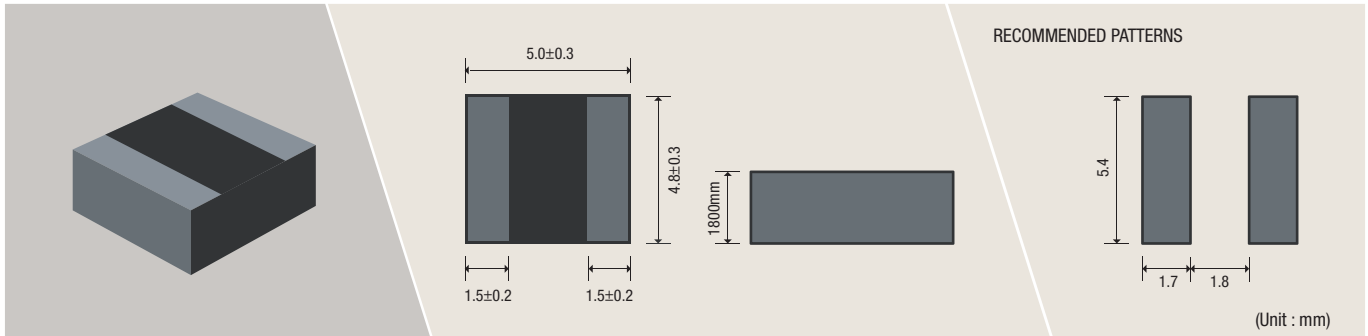


HSPP504818H

POWER INDUCTORS FOR SURFACE MOUNTING



FEATURES

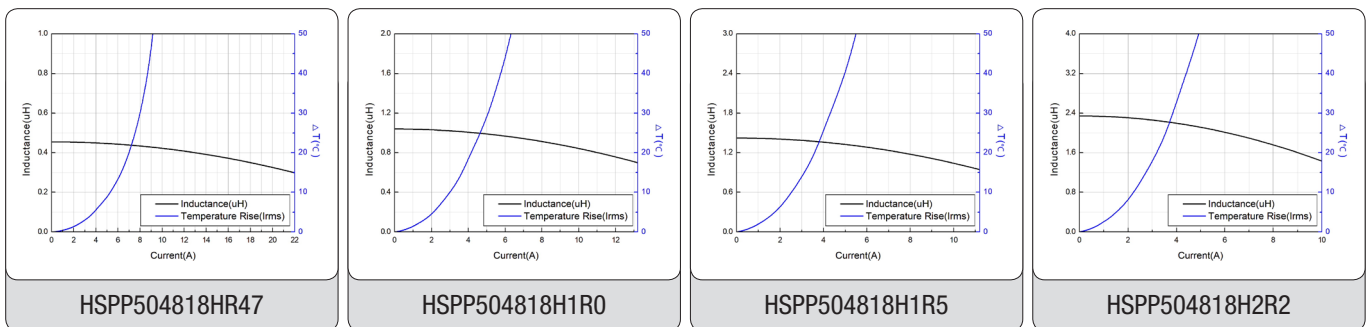
- Magnetic alloy power choke coil.
- Miniature size(5.0×4.8)
- Magnetic shielded.
- Low acoustic noise and high efficiency.
- Halogen Free and RoHS compliant.
- High Current

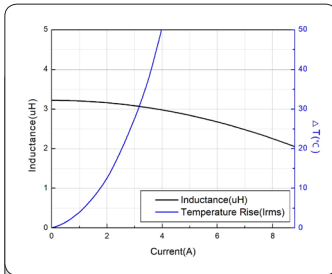
SPECIFICATION

Part. No.	Inductance @1MHz [μH]	DC Resistance [mΩ]Typ(Max)	Saturation Current _{sat 30%} [A] Typ.	Rated Current _{dc} [A] Typ. (ΔT = 40°C)
HSPP504818HR47	0.47 ± 20%	9(10.8)	21.00	8.70
HSPP504818H1R0	1.0 ± 20%	19(23)	12.50	5.80
HSPP504818H1R5	1.5 ± 20%	25(30)	10.50	5.00
HSPP504818H2R2	2.2 ± 20%	32(38)	9.00	4.40
HSPP504818H3R3	3.3 ± 20%	45(54)	8.00	3.70
HSPP504818H4R7	4.7 ± 20%	60(72)	6.90	3.20
HSPP504818H6R8	6.8 ± 20%	80(96)	5.40	2.80
HSPP504818H100	10 ± 20%	120(144)	4.70	2.30
HSPP504818H150	15 ± 20%	180(216)	4.00	1.80
HSPP504818H220	22 ± 20%	255(300)	3.20	1.50

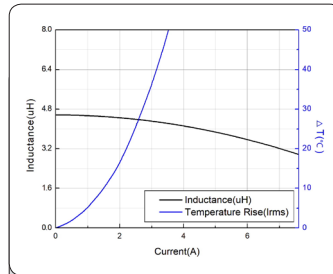
- Inductance is measured with the 4294A(AgilentTechnologies) or equivalent. (@1 MHz, 0.1Vrms)
- DCResistance is measured with the Digital Multimeter 3541(Hioki) or equivalent.
- Maximum allowable DC current is that which caused a 30% inductance reduction from the initial value, coil temperature to rise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

ELECTRICAL CHARACTERISTICS

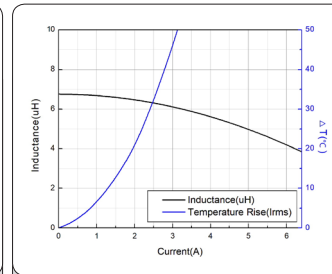




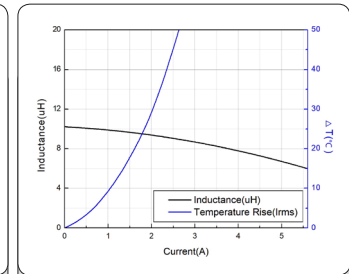
HSP504818H3R3



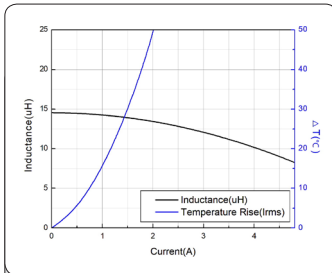
HSP504818H4R7



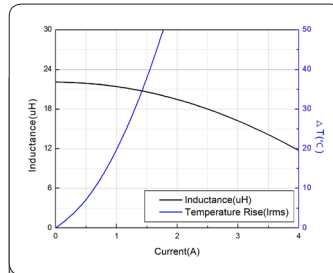
HSP504818H6R8



HSP504818H100

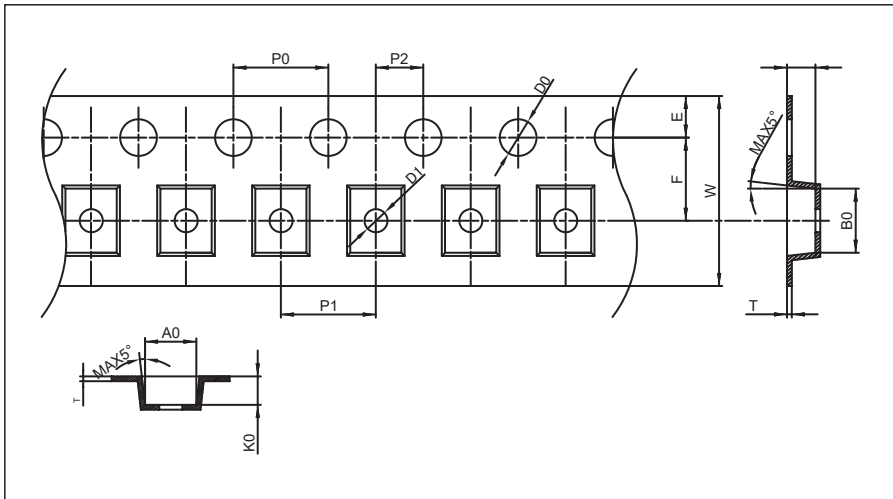


HSP504818H150



HSP504818H220

REEL TAPE SPECIFICATION



Symbol	Specification
A0	5.30± 0.1
B0	5.50± 0.1
K0	2.10± 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