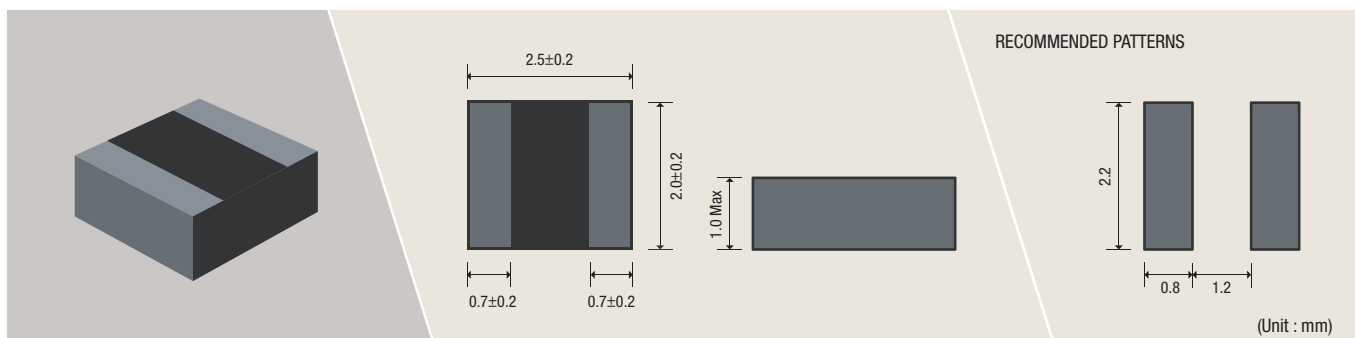


HSPP252012L

POWER INDUCTORS FOR SURFACE MOUNTING



(Unit : mm)

FEATURES

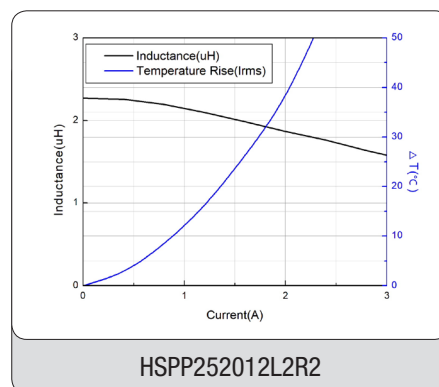
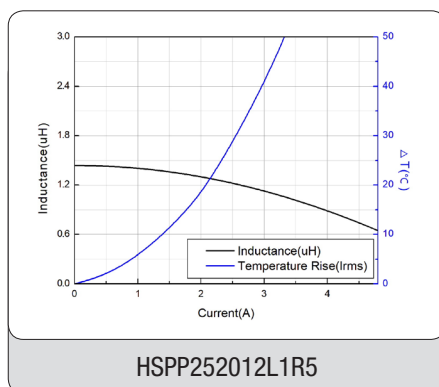
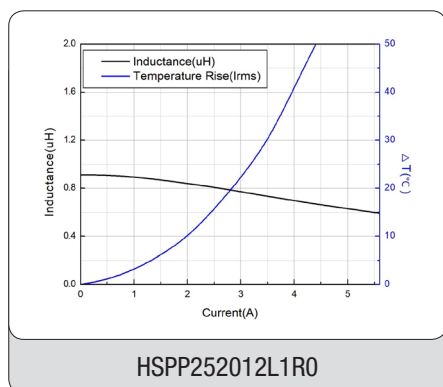
- Magnetic alloy power choke coil.
- Miniature size(2.5×2.0)
- Magnetic shielded.
- Low acoustic noise and high efficiency.
- Halogen Free and RoHS compliant.
- Low DCR

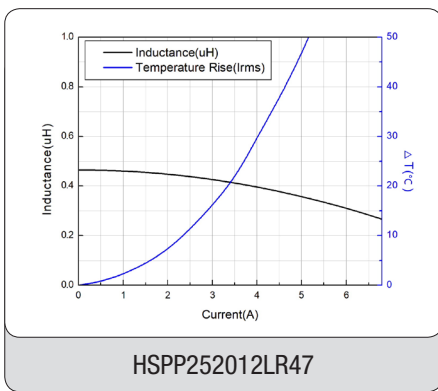
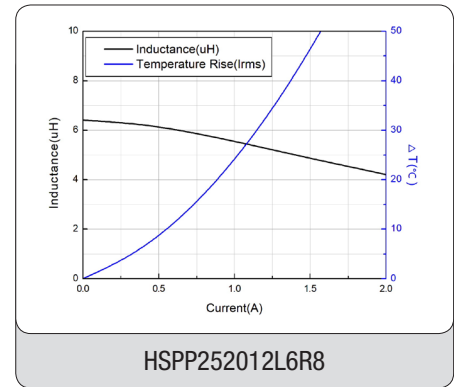
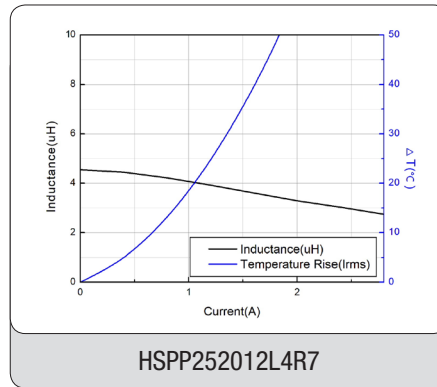
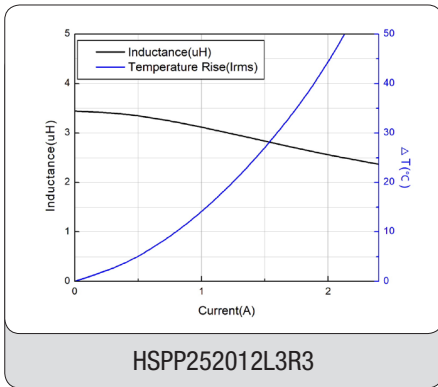
SPECIFICATION

Part. No.	Inductance @1MHz [μH]	DC Resistance[mΩ] Typ(Max)	Saturation Current Isat 30% [A] Typ.	Rated Current Idc [A] Typ. (ΔT = 40°C)
HSPP252012LR47	0.47 ± 20%	21(25)	5.70	4.70
HSPP252012L1R0	1.0 ± 20%	34(40)	4.80	3.80
HSPP252012L1R5	1.5 ± 20%	53(63)	3.50	3.00
HSPP252012L2R2	2.2 ± 20%	110(130)	3.00	2.10
HSPP252012L3R3	3.3 ± 20%	145(170)	2.60	1.80
HSPP252012L4R7	4.7 ± 20%	160(190)	2.20	1.70
HSPP252012L6R8	6.8 ± 20%	275(330)	1.70	1.30

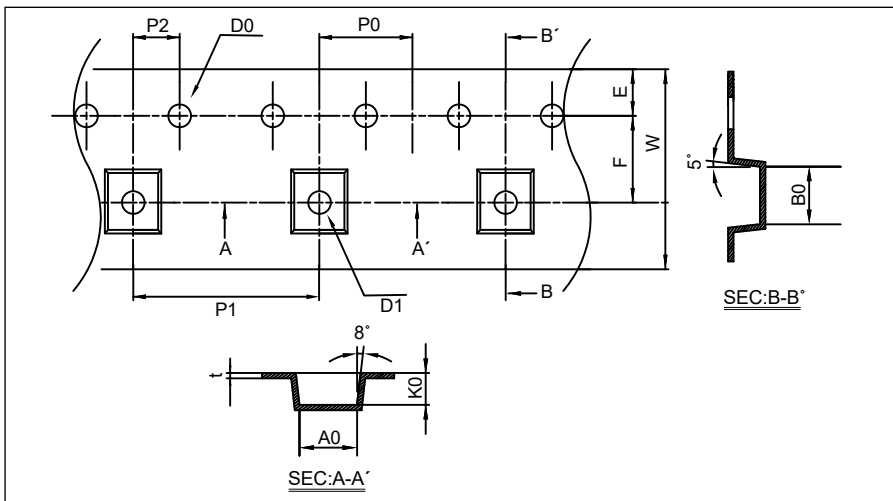
- Inductance is measured with the 4294A(AgilentTechnologies) or equivalent. (@1 MHz, 0.1Vrms)
- DCResistance is measured with the Digital Multimeter 3541(Hioki) or equivalent.
- Maximum allowable DC current is that which caused a 30% inductance reduction from the initial value, coil temperature to rise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

ELECTRICAL CHARACTERISTICS





REEL TAPE SPECIFICATION



Item	Specification	Tol.(+/-)
W	8.00	± 0.20
E	1.75	± 0.10
F	3.50	± 0.05
D0	Φ1.50	+ 0.10, - 0
D1	Φ1.50	± 0.10
P0	4,00	± 0.05
P1	4.00	± 0.10
P2	2.00	± 0.05
P0x10	40.00	± 0.20
T	0.23	± 0.05
A0	2.40	± 0.10
B0	2.95	± 0.10
K0	1.15	± 0.10