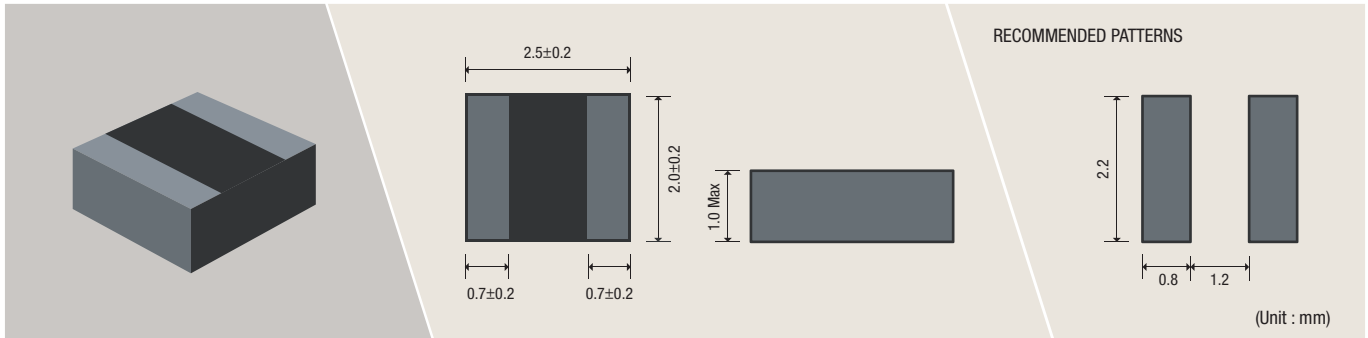


# HSPP252010L

POWER INDUCTORS FOR SURFACE MOUNTING



## FEATURES

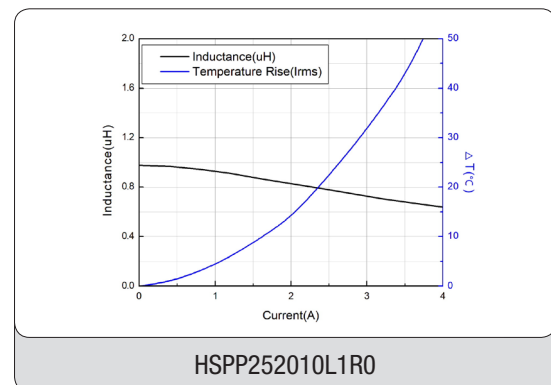
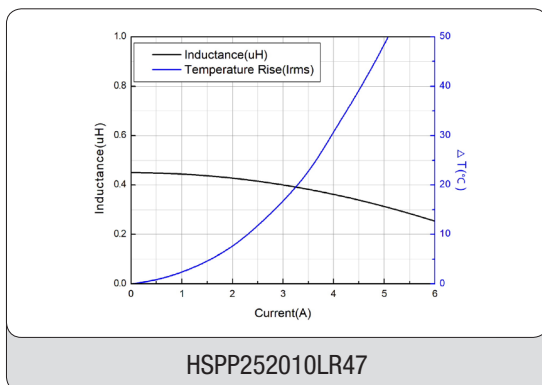
- Magnetic alloy power choke coil.
- Miniature size(2.5×2.0) and low profile.
- Magnetic shielded.
- Low acoustic noise and high efficiency.
- Halogen Free and RoHS compliant.
- Low DCR

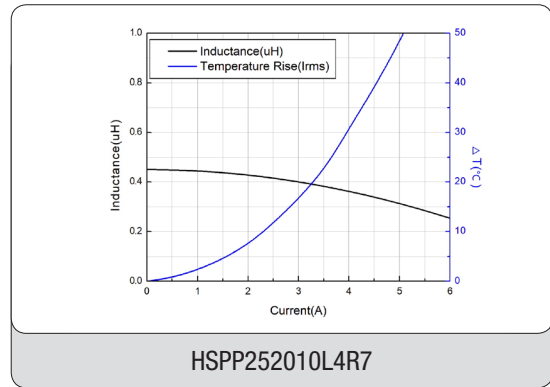
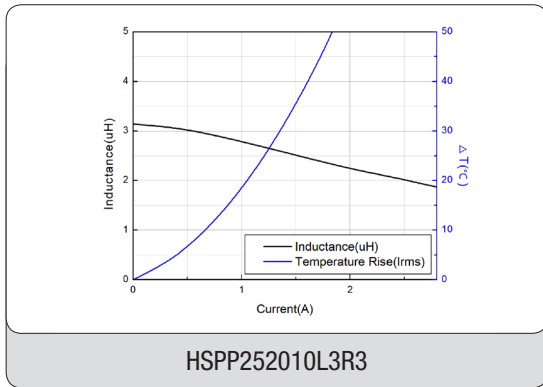
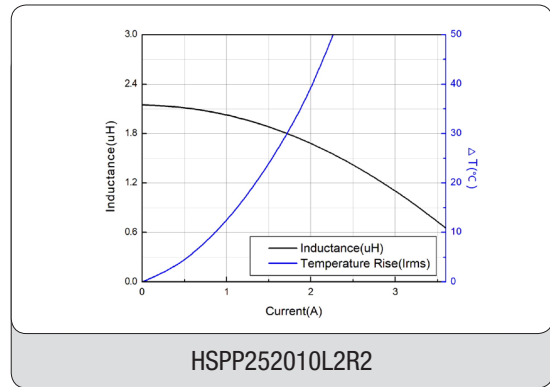
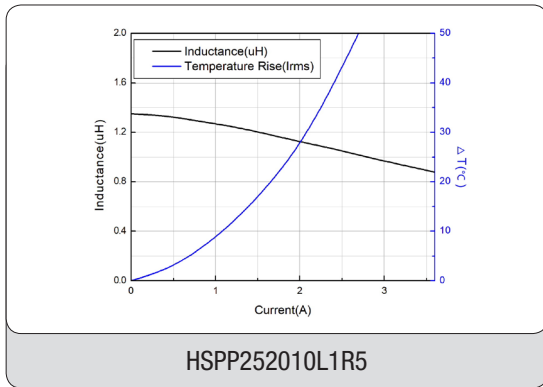
## SPECIFICATION

Part. No.	Inductance @1MHz [μH]	DC Resistance[mΩ] Typ(Max)	Saturation Current Isat 30% [A] Typ.	Rated Current Idc [A] Typ. (ΔT = 40°C)
HSPP252010LR47	0.47 ± 20%	24(28)	5.00	4.60
HSPP252010L1R0	1.0 ± 20%	55(66)	3.60	3.20
HSPP252010L1R5	1.5 ± 20%	70(84)	3.00	2.50
HSPP252010L2R2	2.2 ± 20%	115(138)	2.30	2.10
HSPP252010L3R3	3.3 ± 20%	165(195)	2.00	1.70
HSPP252010L4R7	4.7 ± 20%	235(280)	1.50	1.50

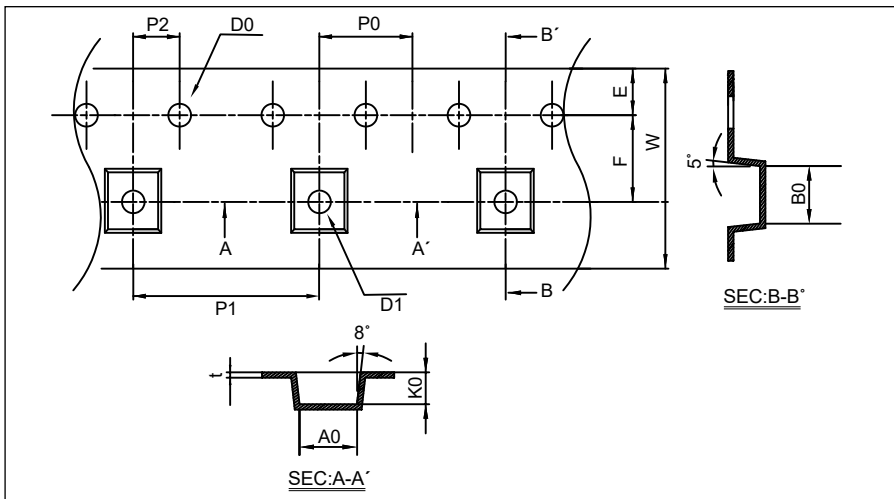
- Inductance is measured with the 4294A(AgilentTechnologies) or equivalent. (@1 MHz, 0.1Vrms)
- DCResistance is measured with the Digital Multimeter 3541(Hioki) or equivalent.
- Maximum allowable DC current is that which caused a 30% inductance reduction from the initial value, coil temperature to rise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

## ELECTRICAL CHARACTERISTICS





## 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