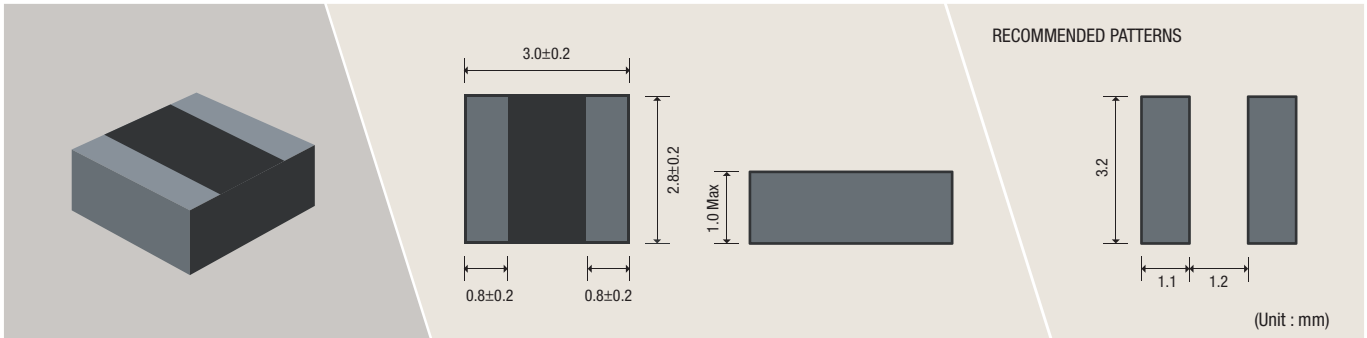


HSPP302810H

POWER INDUCTORS FOR SURFACE MOUNTING



FEATURES

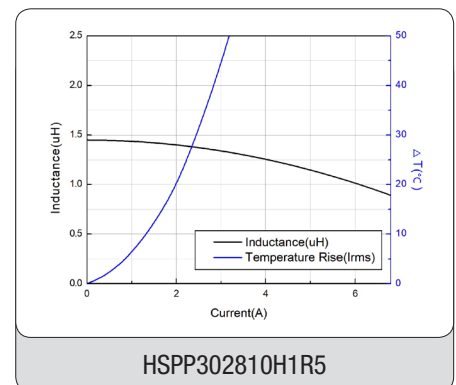
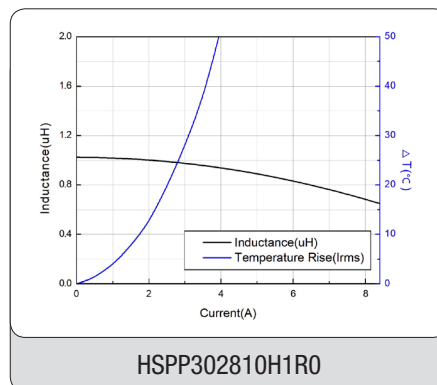
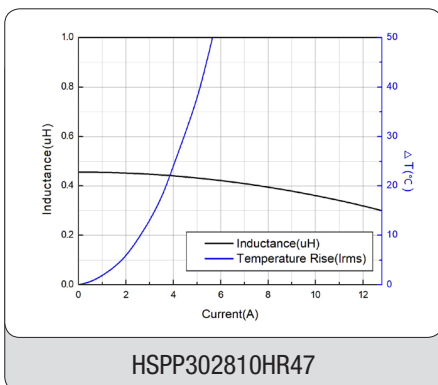
- Magnetic alloy power choke coil.
- Miniature size(3.0×2.8) and low profile.
- Magnetic shielded.
- Low acoustic noise and high efficiency.
- Halogen Free and RoHS compliant.
- High Current

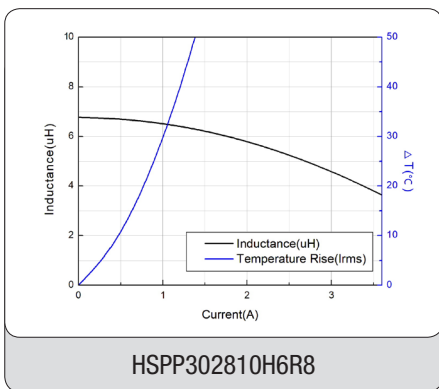
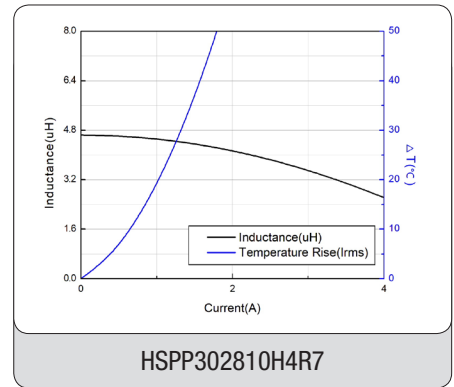
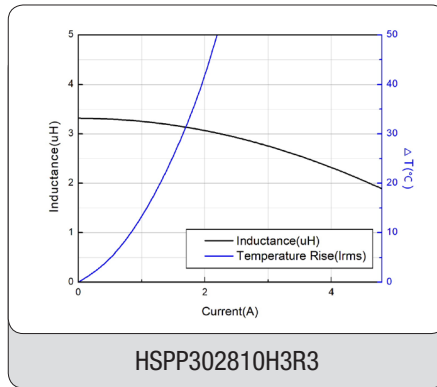
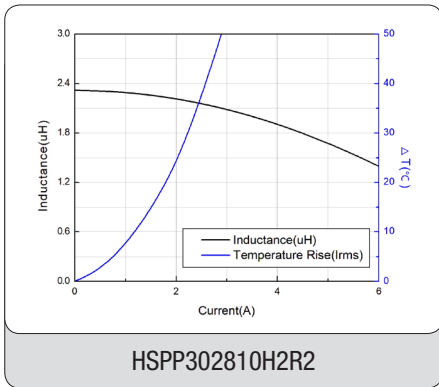
SPECIFICATION

Part. No.	Inductance @1MHz [μH]	DC Resistance [mΩ]Typ(Max)	Saturation Currentsat 30% [A] Typ.	Rated CurrentIdc [A] Typ. (ΔT = 40°C)
HSPP302810HR47	0.47 ±20%	22(26)	12.10	5.00
HSPP302810H1R0	1.0 ±20%	45(54)	7.60	3.50
HSPP302810H1R5	1.5 ±20%	65(78)	6.10	2.90
HSPP302810H2R2	2.2 ±20%	82(98)	5.10	2.60
HSPP302810H3R3	3.3 ±20%	155(186)	4.10	1.90
HSPP302810H4R7	4.7 ±20%	195(234)	3.40	1.70
HSPP302810H6R8	6.8 ±20%	300(360)	2.90	1.30

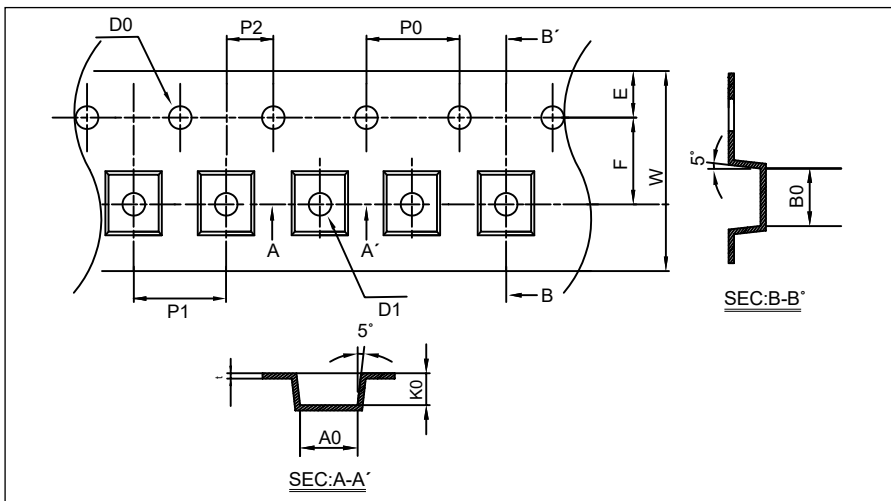
- Inductance is measured with the 4294A(AgilentTechnologies) or equivalent. (@1 MHz, 0.1Vrms)
- DCResistance is measured with the Digital Multimeter 3541(Hioki) or equivalent.
- Maximum allowable DC current is that which caused a 30% inductance reduction from the initial value, coil temperature to rise 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	Φ1.00	± 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	3.20	± 0.10
B0	3.20	± 0.10
K0	1.10	± 0.10