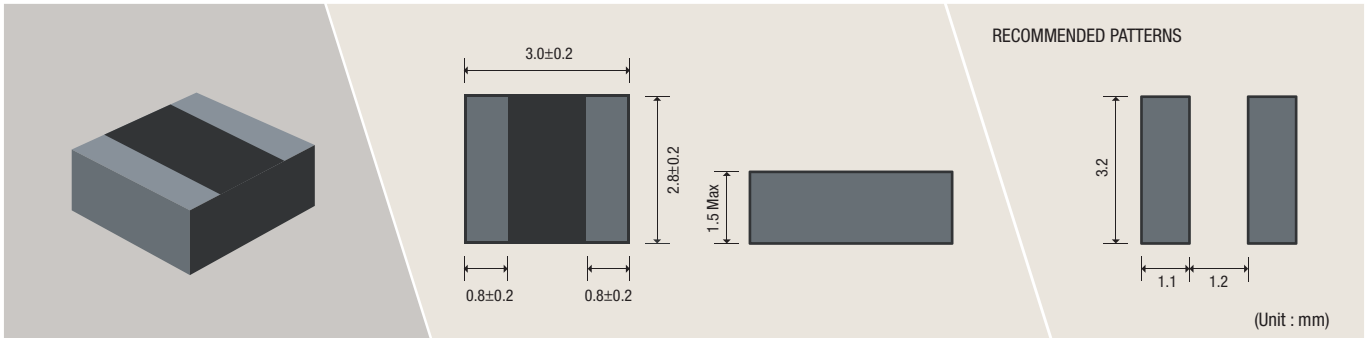


HSPP302815H

POWER INDUCTORS FOR SURFACE MOUNTING



FEATURES

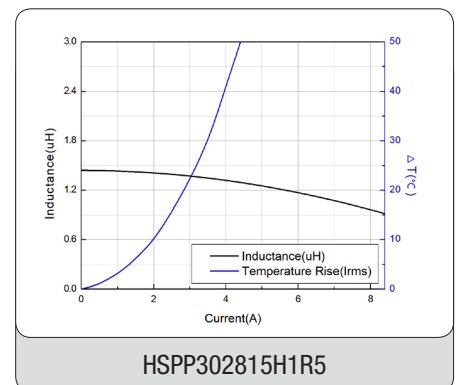
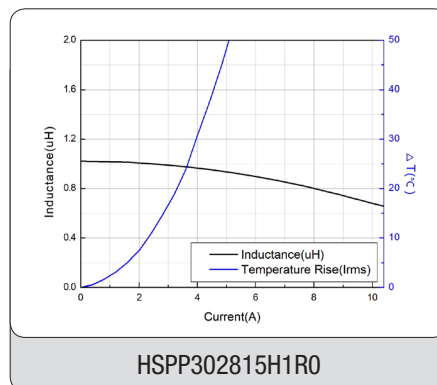
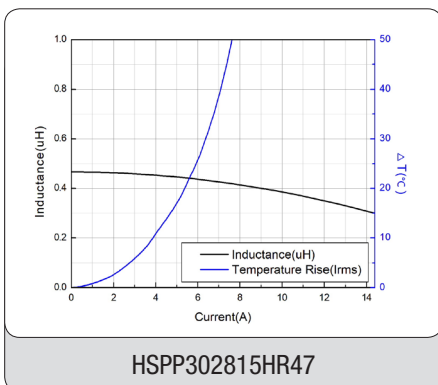
- Magnetic alloy power choke coil.
- Miniature size(3.0×2.8)
- Magnetic shielded.
- Low acoustic noise and high efficiency.
- Halogen Free and RoHS compliant.
- High Current

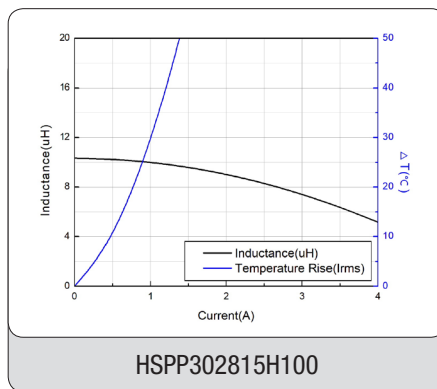
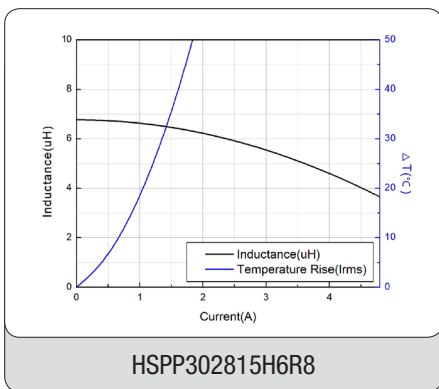
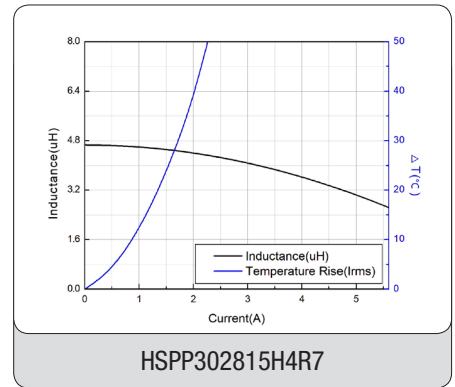
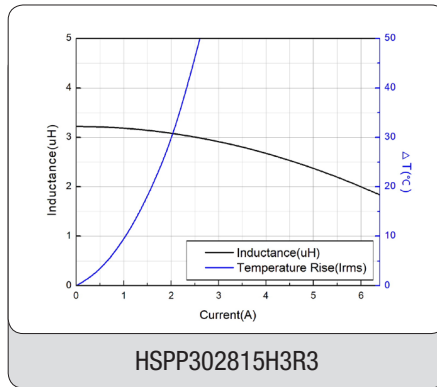
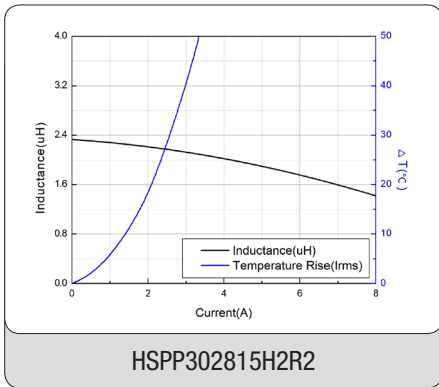
SPECIFICATION

Part. No.	Inductance @1MHz [μH]	DC Resistance [mΩ]Typ(Max)	Saturation Current _{sat 30%} [A] Typ.	Rated Current _{Idc} [A] Typ. (ΔT = 40°C)
HSPP302815HR47	0.47 ± 20%	12(14)	13.40	7.10
HSPP302815H1R0	1.0 ± 20%	27(32)	9.50	4.60
HSPP302815H1R5	1.5 ± 20%	34(40)	7.60	4.00
HSPP302815H2R2	2.2 ± 20%	60(72)	7.00	3.00
HSPP302815H3R3	3.3 ± 20%	95(114)	5.60	2.30
HSPP302815H4R7	4.7 ± 20%	120(144)	4.70	2.10
HSPP302815H6R8	6.8 ± 20%	180(210)	4.00	1.70
HSPP302815H100	10 ± 20%	295(350)	3.20	1.30

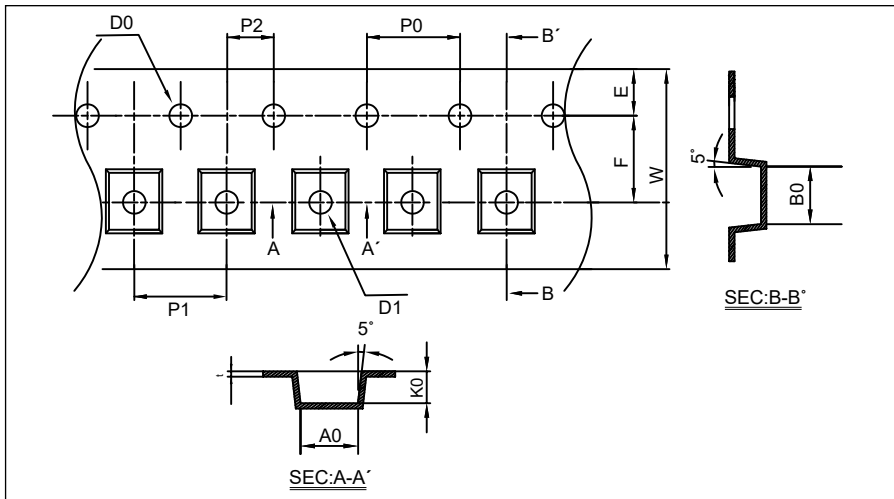
- Inductance is measured with the 4294A(AgilentTechnologies) or equivalent. (@1 MHz, 0.1Vrms)
- DCResistance is measured with the Digital Multimeter 3541(Hioki) or equivalent.
- Maximum allowable DC current is that which caused a 30% inductance reduction from the initial value, coil temperature to rise 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	1.70	± 0.10