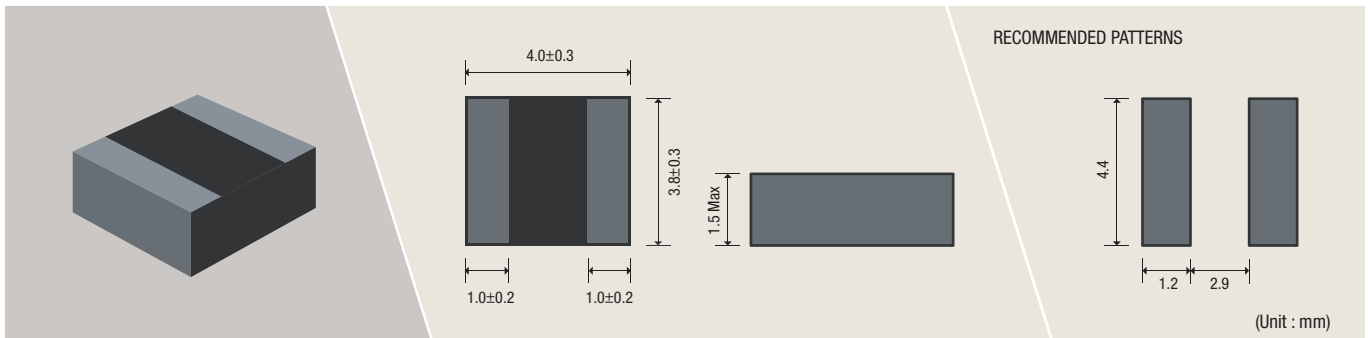


HSPP403815L

POWER INDUCTORS FOR SURFACE MOUNTING



FEATURES

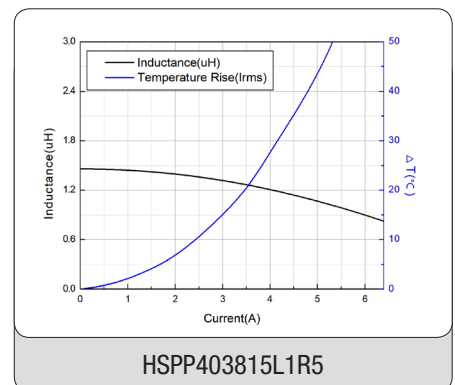
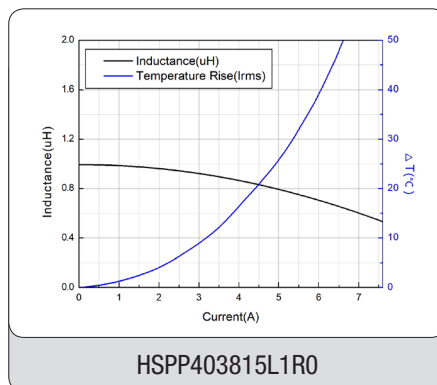
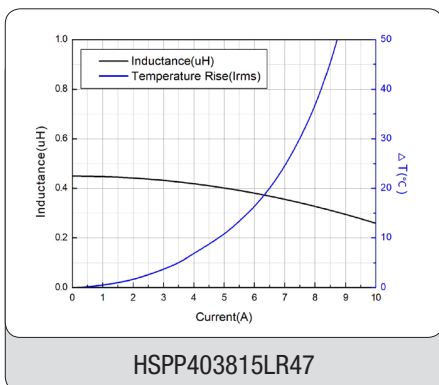
- Magnetic alloy power choke coil.
- Miniature size(4.0×3.8)
- Magnetic shielded.
- Low acoustic noise and high efficiency.
- Halogen Free and RoHS compliant.
- Low DCR

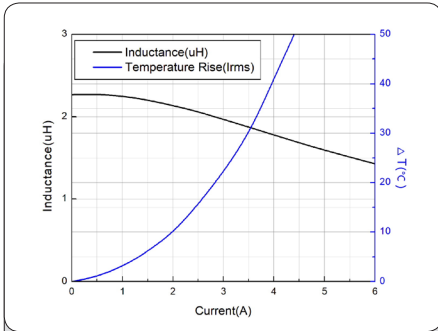
SPECIFICATION

Part. No.	Inductance @1MHz [μH]	DC Resistance [mΩ]Typ(Max)	Saturation Currentsat 30% [A] Typ.	Rated Currentdc [A] Typ. (ΔT = 40°C)
HSPP403815LR47	0.47 ± 20%	9.5(11.5)	8.40	8.20
HSPP403815L1R0	1.0 ± 20%	16(19)	6.20	6.10
HSPP403815L1R5	1.5 ± 20%	25(30)	5.30	4.90
HSPP403815L2R2	2.2 ± 20%	35(42)	5.00	4.40
HSPP403815L3R3	3.3 ± 20%	45(54)	4.20	3.70
HSPP403815L4R7	4.7 ± 20%	70(84)	3.50	2.90
HSPP403815L6R8	6.8 ± 20%	86(103)	3.10	2.60
HSPP403815L100	10.0 ± 20%	150(180)	2.30	2.00
HSPP403815L220	22.0 ± 20%	325(390)	1.50	1.30

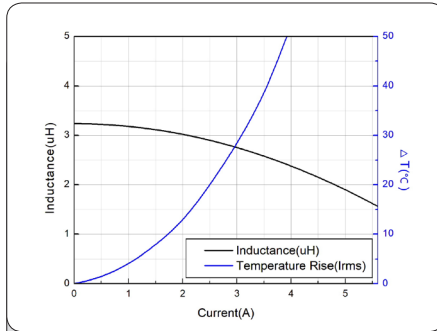
- Inductance is measured with the 4294A(AgilentTechnologies) or equivalent. (@1 MHz, 0.1Vrms)
- DCResistance is measured with the Digital Multimeter 3541(Hioki) or equivalent.
- Maximum allowable DC current is that which caused a 30% inductance reduction from the initial value, coil temperature to rise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

ELECTRICAL CHARACTERISTICS

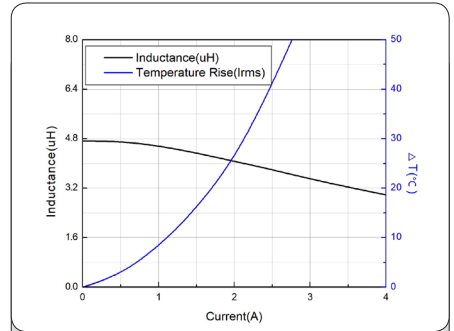




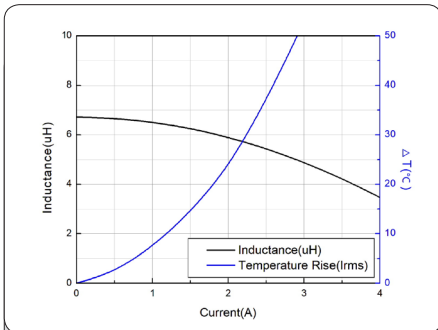
HSPP403815L2R2



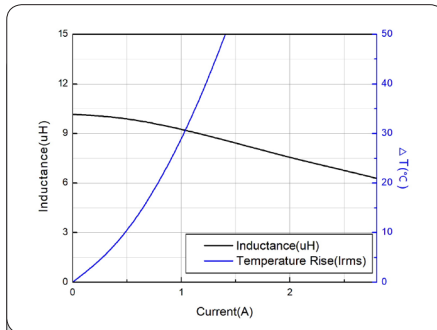
HSPP403815L3R3



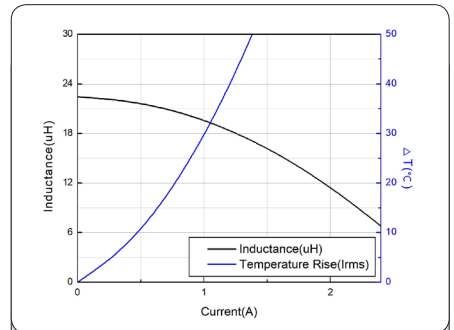
HSPP403815L4R7



HSPP403815L6R8

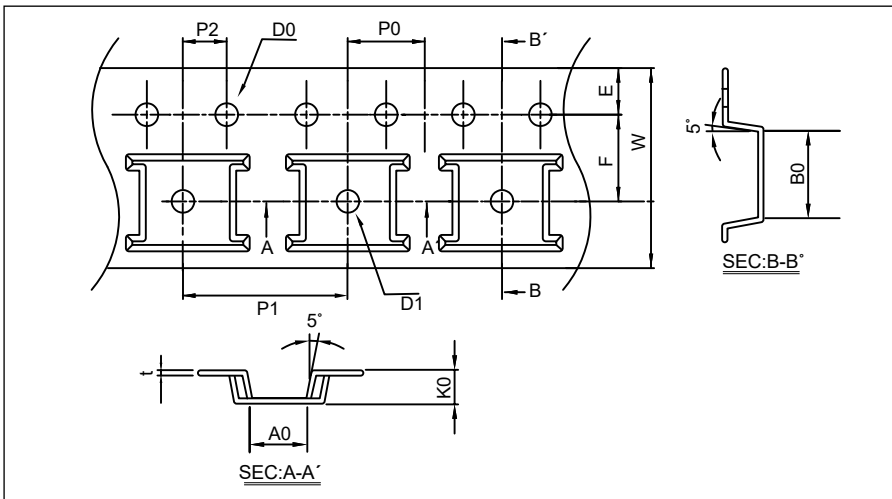


HSPP403815L100



HSPP403815L220

REEL TAPE SPECIFICATION



Item	Specification	Tol.(+/-)
W	12.00	± 0.20
E	1.75	± 0.10
F	5.50	± 0.05
D0	Φ1.50	+ 0.10, - 0
D1	Φ1.00	± 0.10
P0	4,00	± 0.05
P1	8.00	± 0.10
P2	2.00	± 0.05
P0x10	40.00	± 0.20
T	0.30	± 0.05
A0	4.10	± 0.10
B0	4.10	± 0.10
K0	1.50	± 0.10