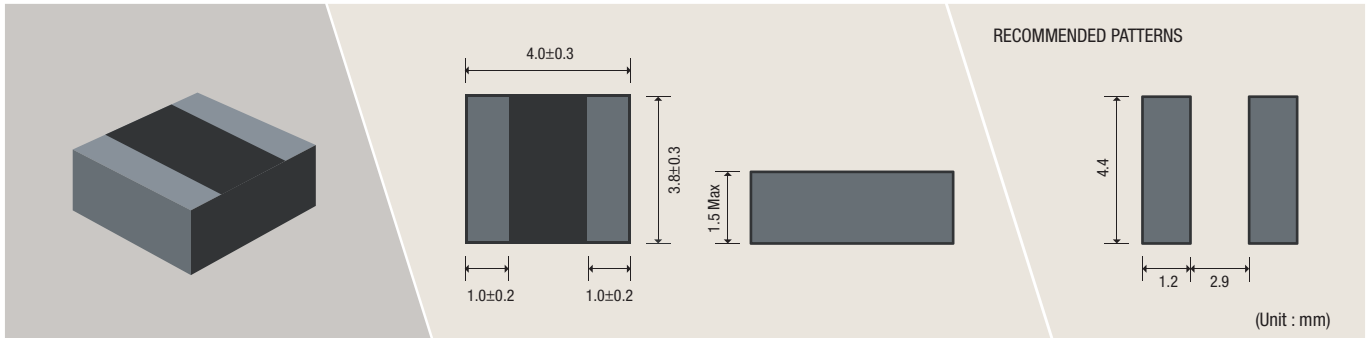


HSPP403815UL

POWER INDUCTORS FOR SURFACE MOUNTING



FEATURES

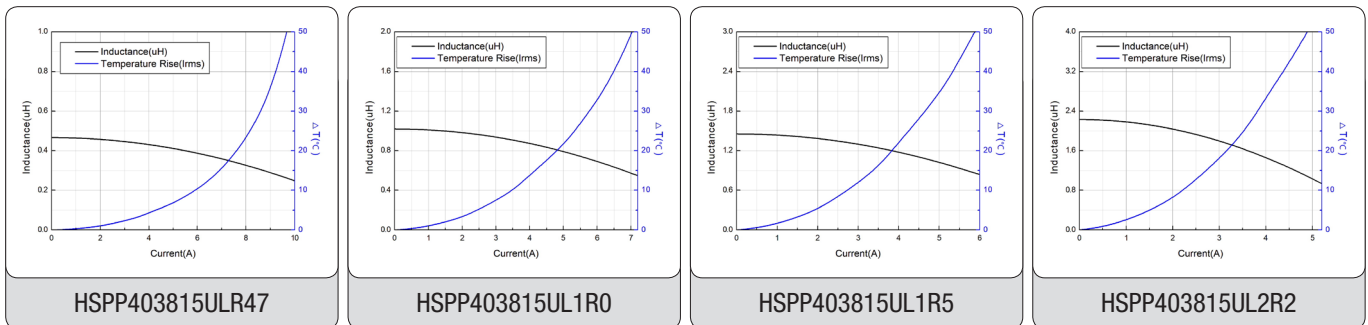
- Magnetic alloy power choke coil.
- Miniature size(4.0×3.8)
- Magnetic shielded.
- Low acoustic noise and high efficiency.
- Halogen Free and RoHS compliant.
- Ultra Low DCR

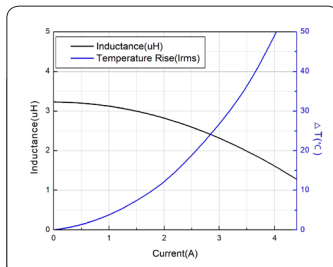
SPECIFICATION

Part. No.	Inductance @1MHz [μH]	DC Resistance [mΩ]Typ(Max)	Saturation Current _{sat} 30% [A] Typ.	Rated Current _{Idc} [A] Typ. (ΔT = 40°C)
HSPP403815ULR47	0.47 ± 20%	7.5(9)	8.00	9.30
HSPP403815UL1R0	1.0 ± 20%	13(15.5)	5.80	6.50
HSPP403815UL1R5	1.5 ± 20%	18.5(22)	5.10	5.40
HSPP403815UL2R2	2.2 ± 20%	28(33)	3.70	4.40
HSPP403815UL3R3	3.3 ± 20%	37(44)	3.10	3.70
HSPP403815UL4R7	4.7 ± 20%	49(58)	2.70	3.20
HSPP403815UL6R8	6.8 ± 20%	72(86)	2.10	2.70
HSPP403815UL100	10.0 ± 20%	100(120)	1.70	2.30
HSPP403815UL220	22.0 ± 20%	220(260)	1.20	1.50
HSPP403815UL330	33.0 ± 20%	320(380)	0.90	1.30
HSPP403815UL470	47.0 ± 20%	495(590)	0.80	1.00

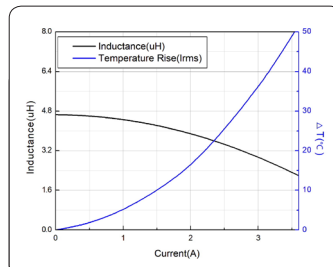
- Inductance is measured with the 4294A(AgilentTechnologies) or equivalent. (@1 MHz, 0.1Vrms)
- DCResistance is measured with the Digital Multimeter 3541(Hioki) or equivalent.
- Maximum allowable DC current is that which caused a 30% inductance reduction from the initial value, coil temperature to rise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

ELECTRICAL CHARACTERISTICS

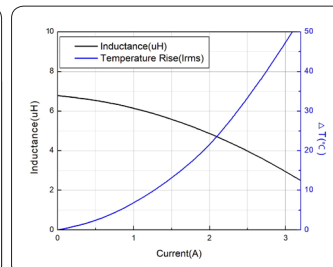




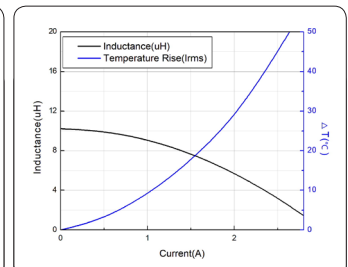
HSP403815UL3R3



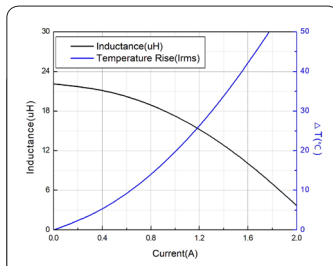
HSP403815UL4R7



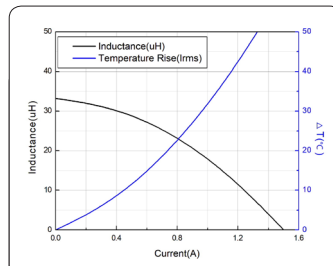
HSP403815UL6R8



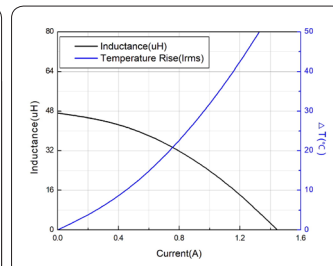
HSP403815UL100



HSP403815UL220

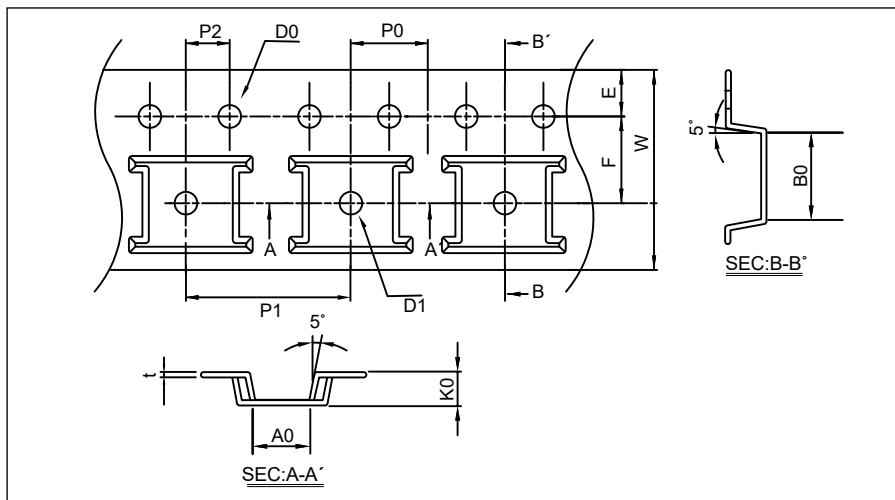


HSP403815UL330



HSP403815UL470

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