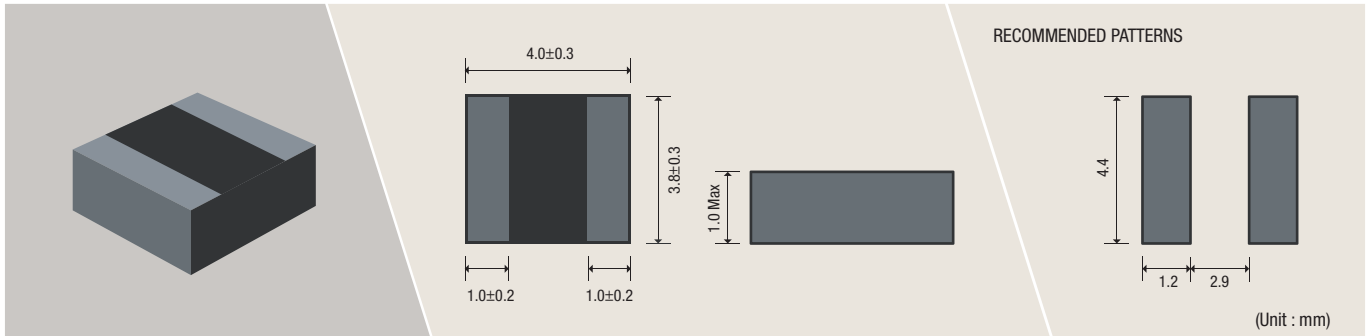


HSPP403810UL

POWER INDUCTORS FOR SURFACE MOUNTING



(Unit : mm)

FEATURES

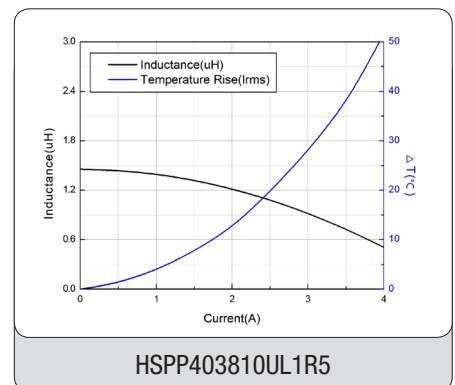
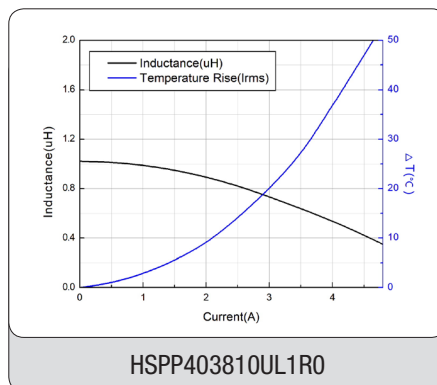
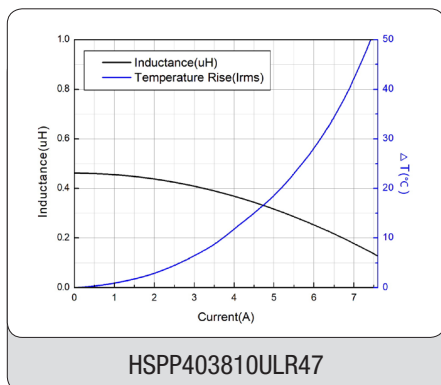
- Magnetic alloy power choke coil.
- Miniature size(4.0×3.8) and low profile.
- Magnetic shielded.
- Low acoustic noise and high efficiency.
- Halogen Free and RoHS compliant.
- Ultra Low DCR

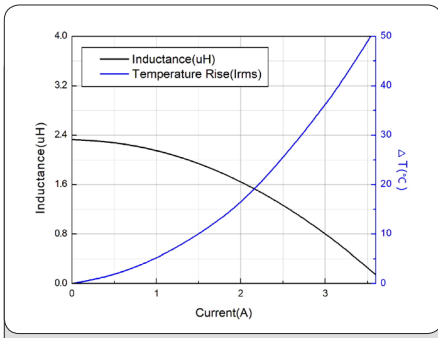
SPECIFICATION

Part. No.	Inductance @1MHz [μH]	DC Resistance [mΩ]Typ(Max)	Saturation Currentsat 30% [A] Typ.	Rated Currentdc [A] Typ. (ΔT = 40°C)
HSPP403810ULR47	0.47 ± 20%	12.5(15)	5.20	6.90
HSPP403810UL1R0	1.0 ± 20%	30(36)	3.00	4.20
HSPP403810UL1R5	1.5 ± 20%	38(45)	2.60	3.70
HSPP403810UL2R2	2.2 ± 20%	50(60)	2.10	3.20
HSPP403810UL3R3	3.3 ± 20%	70(84)	1.60	2.70
HSPP403810UL4R7	4.7 ± 20%	110(130)	1.40	2.20
HSPP403810UL6R8	6.8 ± 20%	155(180)	1.20	1.80
HSPP403810UL100	10.0 ± 20%	220(260)	1.00	1.50
HSPP403810UL220	22.0 ± 20%	470(560)	0.70	1.00

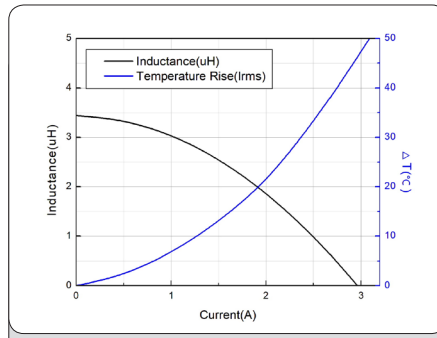
- Inductance is measured with the 4294A(AgilentTechnologies) or equivalent. (@1 MHz, 0.1Vrms)
- DCResistance is measured with the Digital Multimeter 3541(Hioki) or equivalent.
- Maximum allowable DC current is that which caused a 30% inductance reduction from the initial value, coil temperature to rise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

ELECTRICAL CHARACTERISTICS

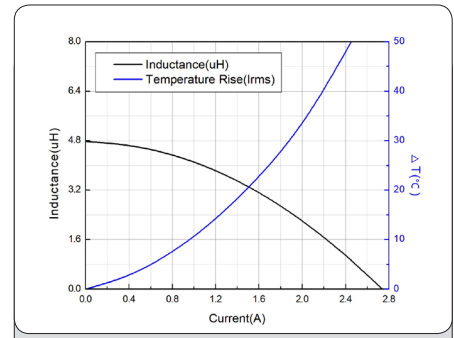




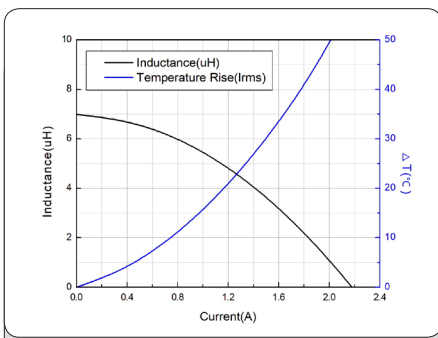
HSP403810UL2R2



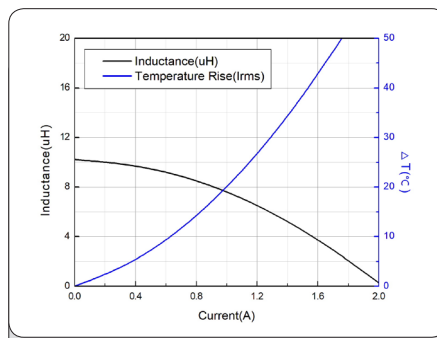
HSP403810UL3R3



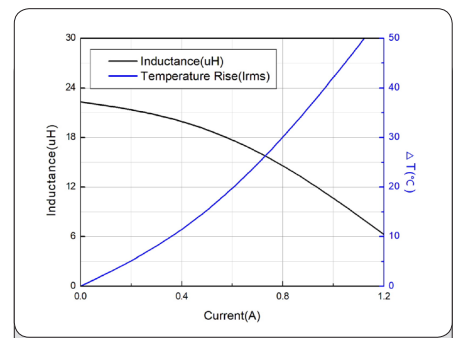
HSP403810UL4R7



HSP403810UL6R8

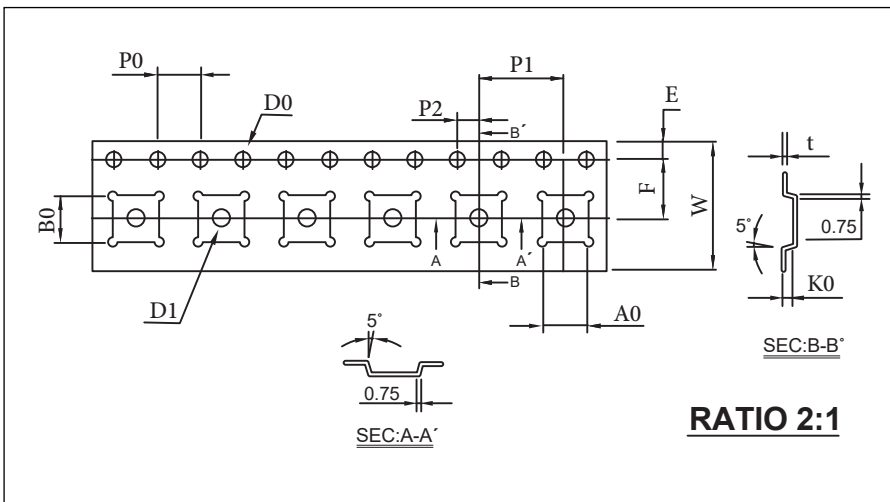


HSP403810UL100



HSP403810UL220

REEL TAPE SPECIFICATION



Item	Specification	Tol.(+/-)
W	12.00	± 0.30
E	1.75	± 0.10
F	5.50	± 0.10
D0	Φ1.50	+ 0.10, - 0
D1	Φ1.00	± 0.10
P0	4.00	± 0.10
P1	8.00	± 0.10
P2	2.00	± 0.10
P0x10	40.00	± 0.20
T	0.30	± 0.05
A0	4.15	± 0.10
B0	4.15	± 0.10
K0	0.97	± 0.10