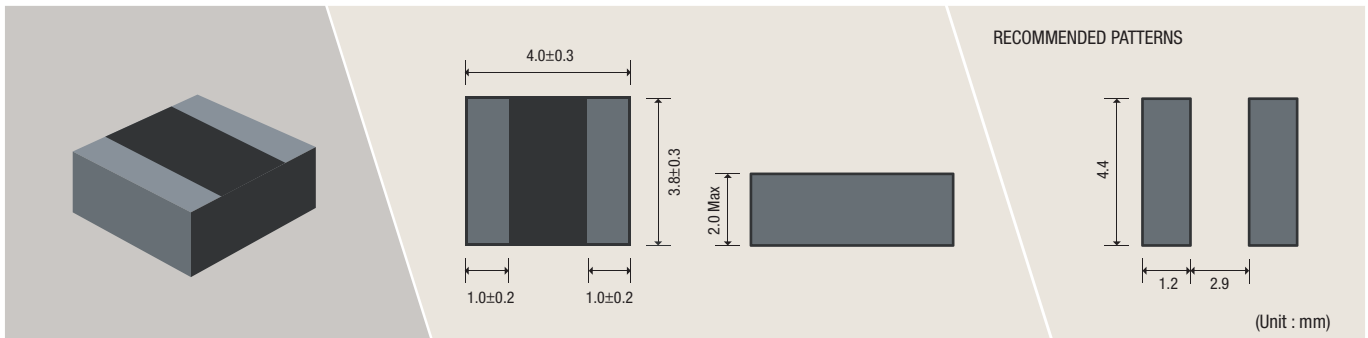


HSPP403820L

POWER INDUCTORS FOR SURFACE MOUNTING



FEATURES

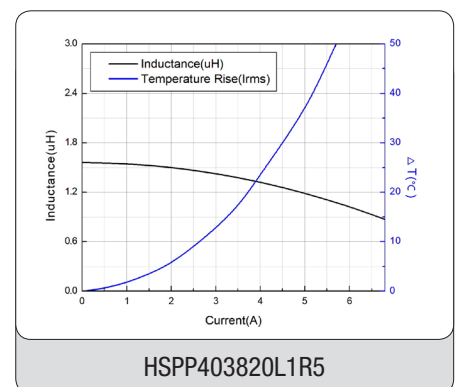
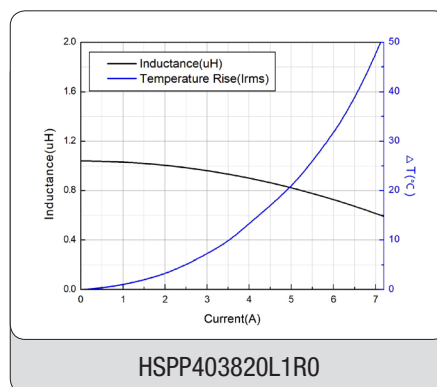
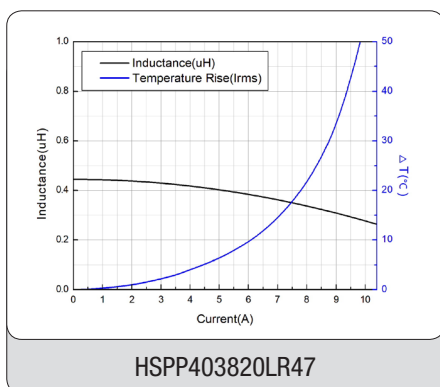
- Magnetic alloy power choke coil.
- Miniature size(4.0×3.8)
- Magnetic shielded.
- Low acoustic noise and high efficiency.
- Halogen Free and RoHS compliant.
- Low DCR

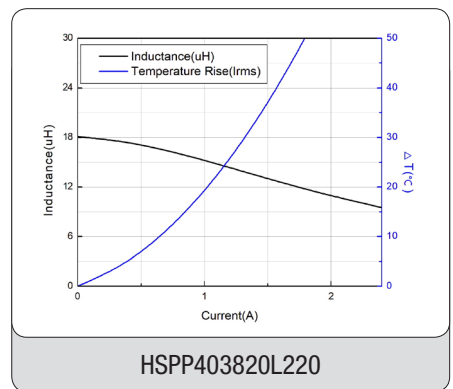
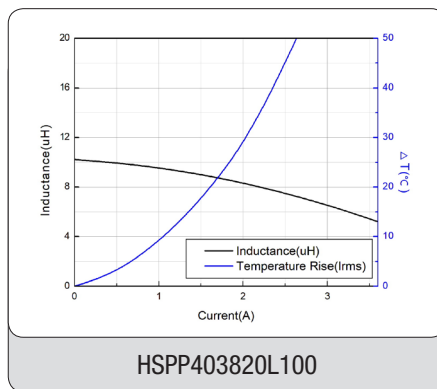
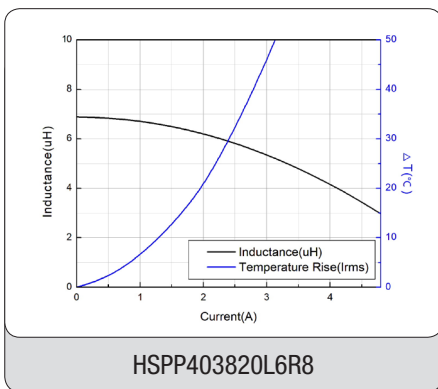
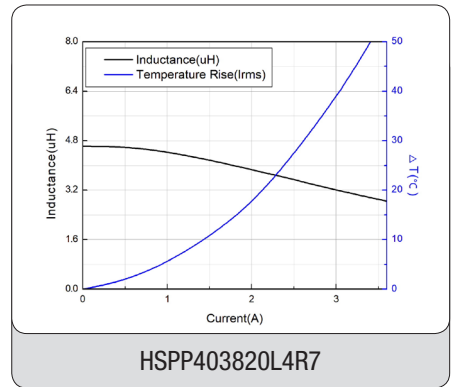
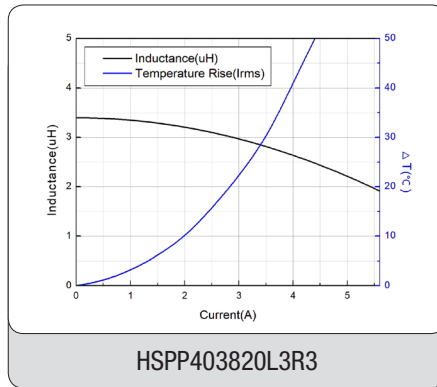
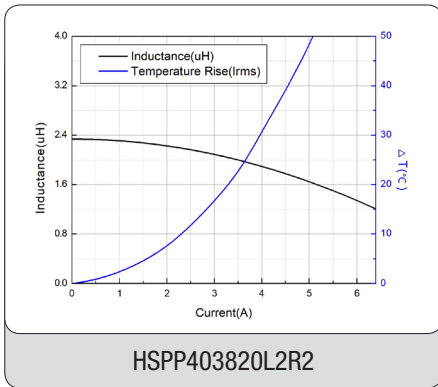
SPECIFICATION

Part. No.	Inductance @1MHz [μH]	DC Resistance [mΩ]Typ(Max)	Saturation Currentsat 30% [A] Typ.	Rated CurrentIdc [A] Typ. (ΔT = 40°C)
HSPP403820LR47	0.47 ± 20%	6.5(8)	9.00	9.40
HSPP403820L1R0	1.0 ± 20%	14.5(17)	6.00	6.70
HSPP403820L1R5	1.5 ± 20%	22(26)	5.60	5.20
HSPP403820L2R2	2.2 ± 20%	28(33)	5.10	4.60
HSPP403820L3R3	3.3 ± 20%	40(48)	4.50	3.90
HSPP403820L4R7	4.7 ± 20%	54(64)	3.90	3.30
HSPP403820L6R8	6.8 ± 20%	75(90)	3.50	2.80
HSPP403820L100	10.0 ± 20%	100(120)	2.70	2.40
HSPP403820L220	22.0 ± 20%	255(300)	1.80	1.50

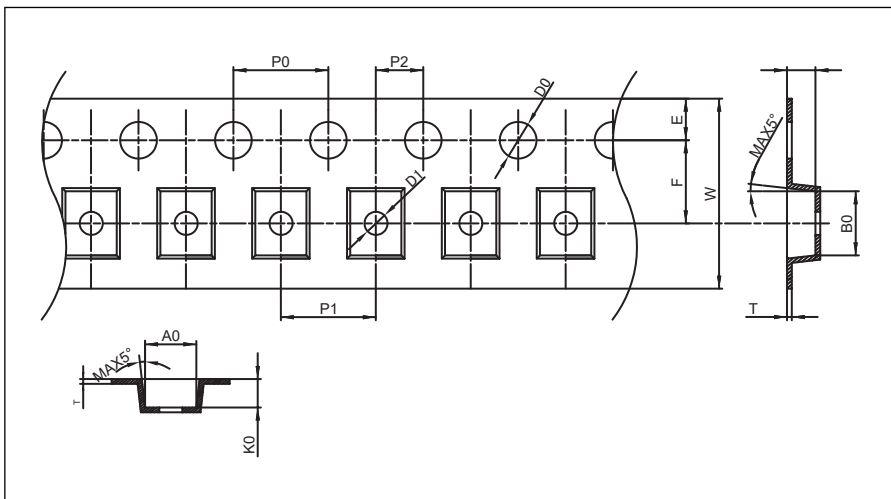
- Inductance is measured with the 4294A(AgilentTechnologies) or equivalent. (@1 MHz, 0.1Vrms)
- DCResistance is measured with the Digital Multimeter 3541(Hioki) or equivalent.
- Maximum allowable DC current is that which caused a 30% inductance reduction from the initial value, coil temperature to rise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

ELECTRICAL CHARACTERISTICS





REEL TAPE SPECIFICATION



Symbol	Specification
A0	4.25± 0.1
B0	4.45± 0.1
K0	2.30± 0.1
P0	4.00± 0.1
P1	8.00± 0.1
P2	2.00± 0.05
T	0.25± 0.05
E	1.75± 0.1
F	5.50± 0.05
D0	1.50± 0.1
D1	1.50± 0.1
W	12.00± 0.2