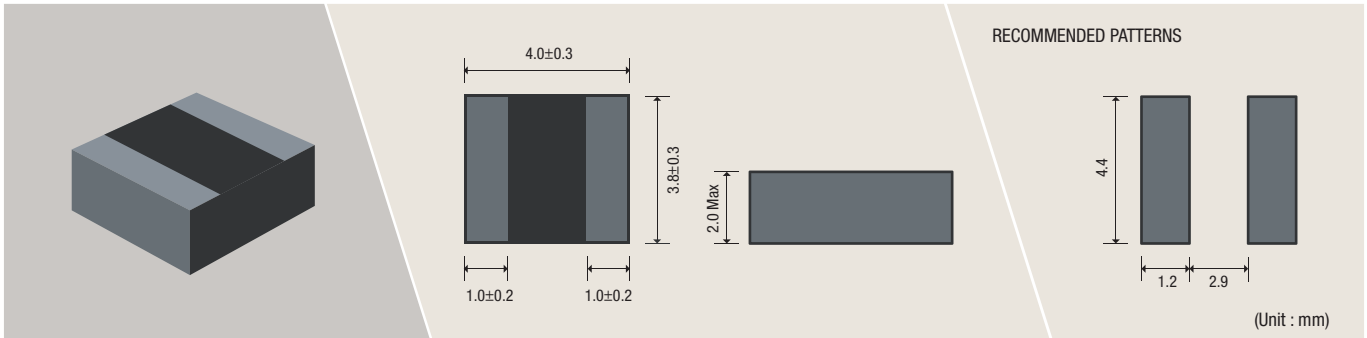


# HSPP403820H

POWER INDUCTORS FOR SURFACE MOUNTING



## FEATURES

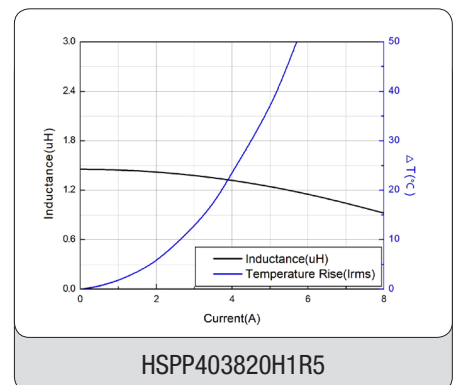
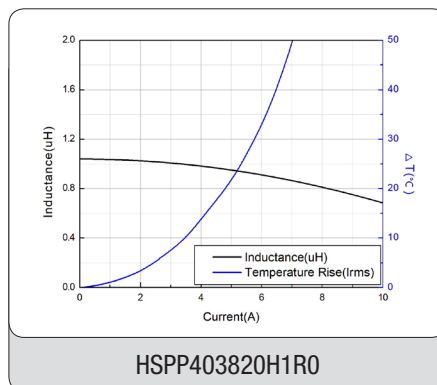
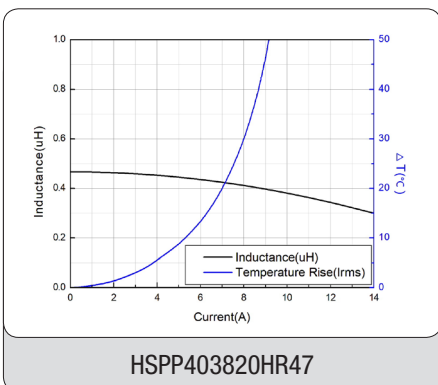
- Magnetic alloy power choke coil.
- Miniature size(4.0×3.8)
- Magnetic shielded.
- Low acoustic noise and high efficiency.
- Halogen Free and RoHS compliant.
- High Current

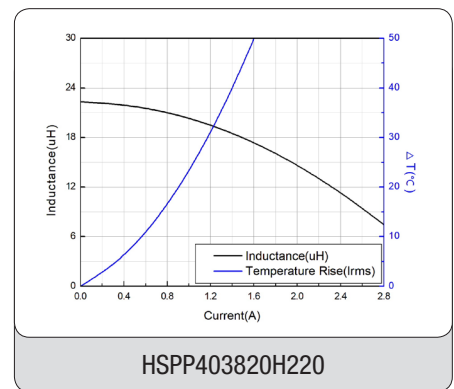
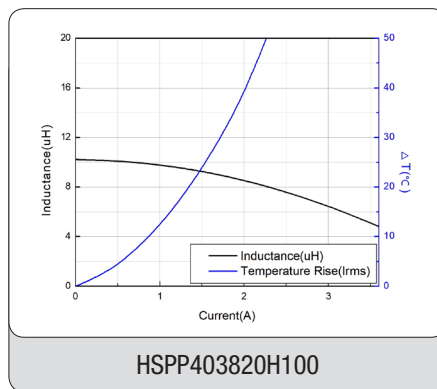
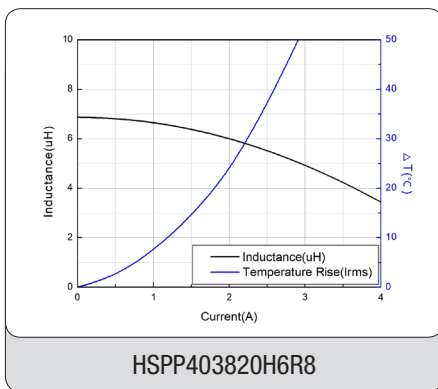
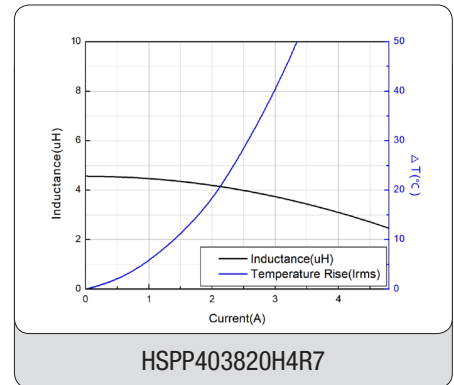
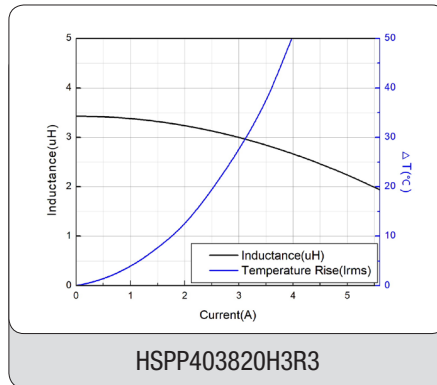
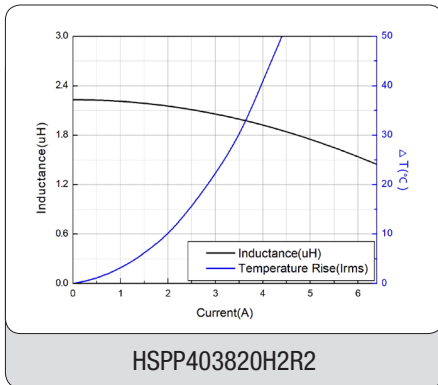
## SPECIFICATION

Part. No.	Inductance @1MHz [μH]	DC Resistance [mΩ]Typ(Max)	Saturation Currentsat 30% [A] Typ.	Rated Currentdc [A] Typ. (ΔT = 40°C)
HSPP403820HR47	0.47 ± 20%	8.5(10)	13.00	8.70
HSPP403820H1R0	1.0 ± 20%	15(18)	9.30	6.50
HSPP403820H1R5	1.5 ± 20%	22(26)	7.20	5.20
HSPP403820H2R2	2.2 ± 20%	36(43)	5.90	4.10
HSPP403820H3R3	3.3 ± 20%	44(52)	4.60	3.70
HSPP403820H4R7	4.7 ± 20%	62(74)	4.00	3.00
HSPP403820H6R8	6.8 ± 20%	82(98)	3.20	2.60
HSPP403820H100	10.0 ± 20%	130(156)	2.70	2.10
HSPP403820H220	22.0 ± 20%	270(320)	1.80	1.40

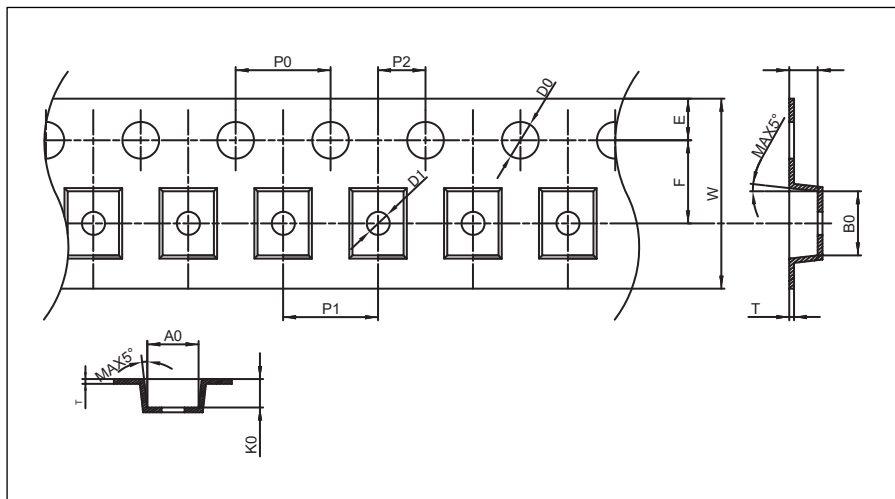
- Inductance is measured with the 4294A(AgilentTechnologies) or equivalent. (@1 MHz, 0.1Vrms)
- DCResistance is measured with the Digital Multimeter 3541(Hioki) or equivalent.
- Maximum allowable DC current is that which caused a 30% inductance reduction from the initial value, coil temperature to rise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