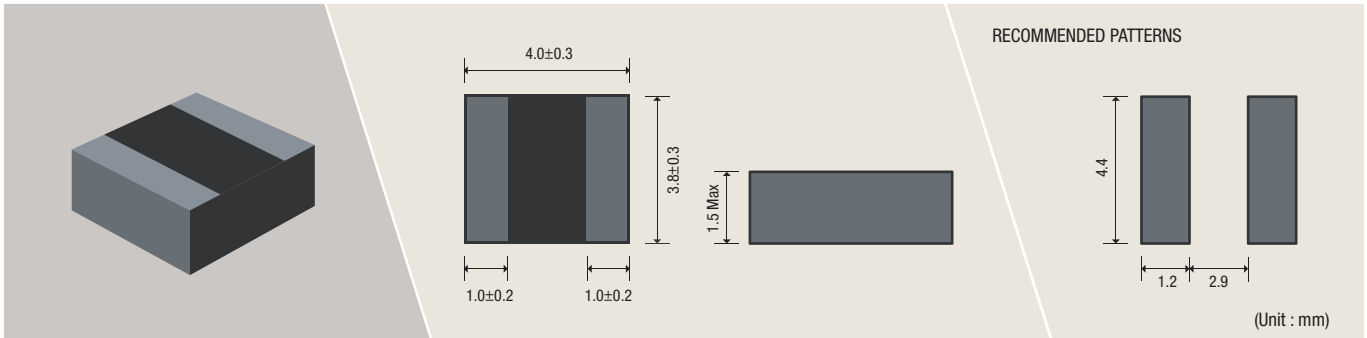


# HSPP403815H

POWER INDUCTORS FOR SURFACE MOUNTING



## FEATURES

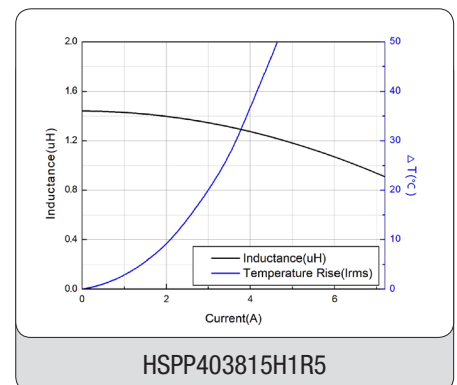
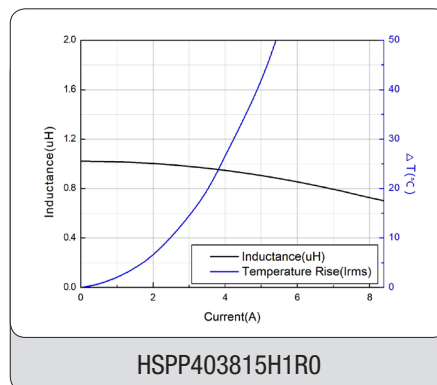
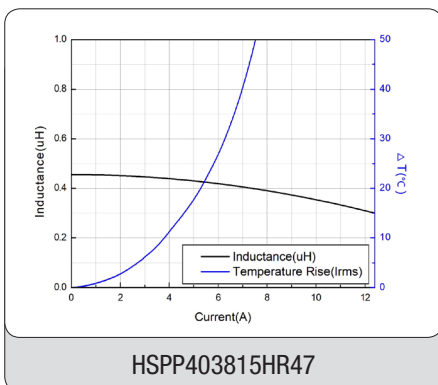
- Magnetic alloy power choke coil.
- Miniature size(4.0×3.8)
- Magnetic shielded.
- Low acoustic noise and high efficiency.
- Halogen Free and RoHS compliant.
- High Current

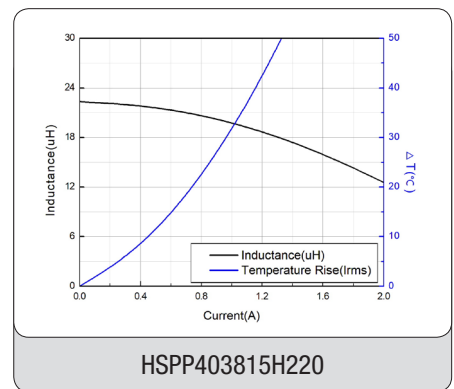
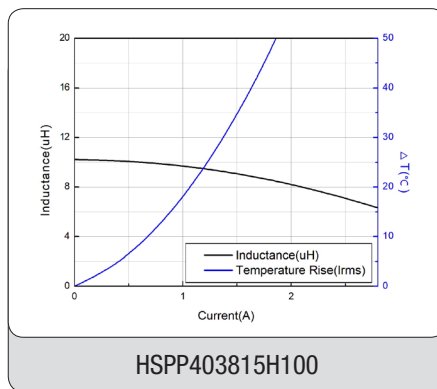
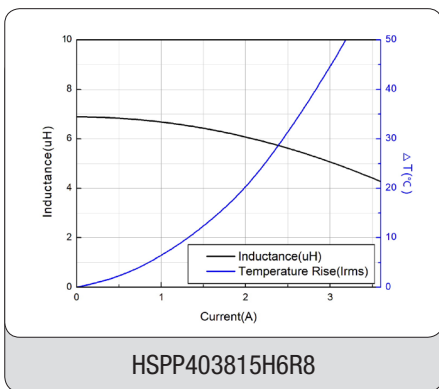
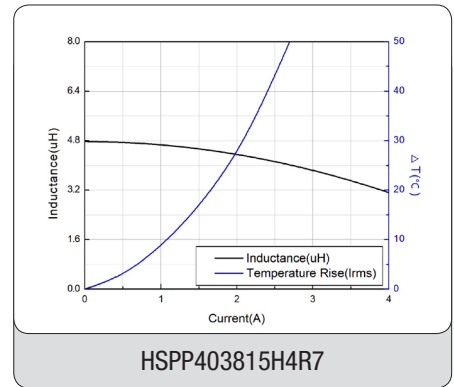
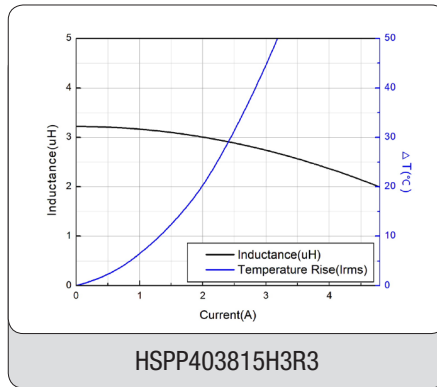
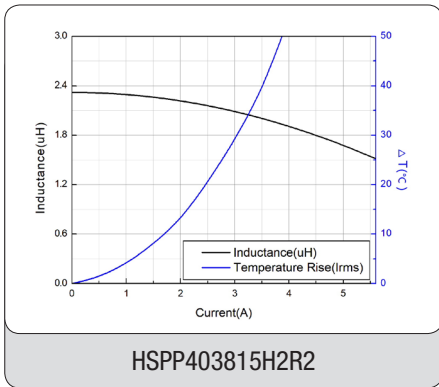
## SPECIFICATION

Part. No.	Inductance @1MHz [μH]	DC Resistance [mΩ]Typ(Max)	Saturation Currentsat 30% [A] Typ.	Rated CurrentIdc [A] Typ. (ΔT = 40°C)
HSPP403815HR47	0.47 ± 20%	11.5(13.5)	12.10	7.00
HSPP403815H1R0	1.0 ± 20%	23(27)	8.10	4.90
HSPP403815H1R5	1.5 ± 20%	32(38)	6.60	4.20
HSPP403815H2R2	2.2 ± 20%	43(51)	5.20	3.50
HSPP403815H3R3	3.3 ± 20%	65(78)	4.30	2.90
HSPP403815H4R7	4.7 ± 20%	90(108)	3.70	2.40
HSPP403815H6R8	6.8 ± 20%	140(168)	3.20	2.90
HSPP403815H100	10.0 ± 20%	185(220)	2.50	1.70
HSPP403815H220	22.0 ± 20%	440(520)	1.70	1.10

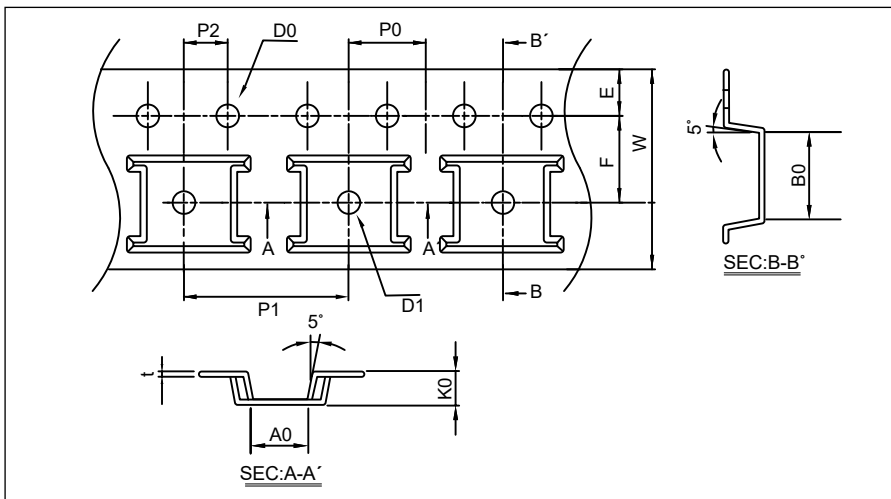
- Inductance is measured with the 4294A(AgilentTechnologies) or equivalent. (@1 MHz, 0.1Vrms)
- DCResistance is measured with the Digital Multimeter 3541(Hioki) or equivalent.
- Maximum allowable DC current is that which caused a 30% inductance reduction from the initial value, coil temperature to rise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

## ELECTRICAL CHARACTERISTICS





## REEL TAPE SPECIFICATION



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