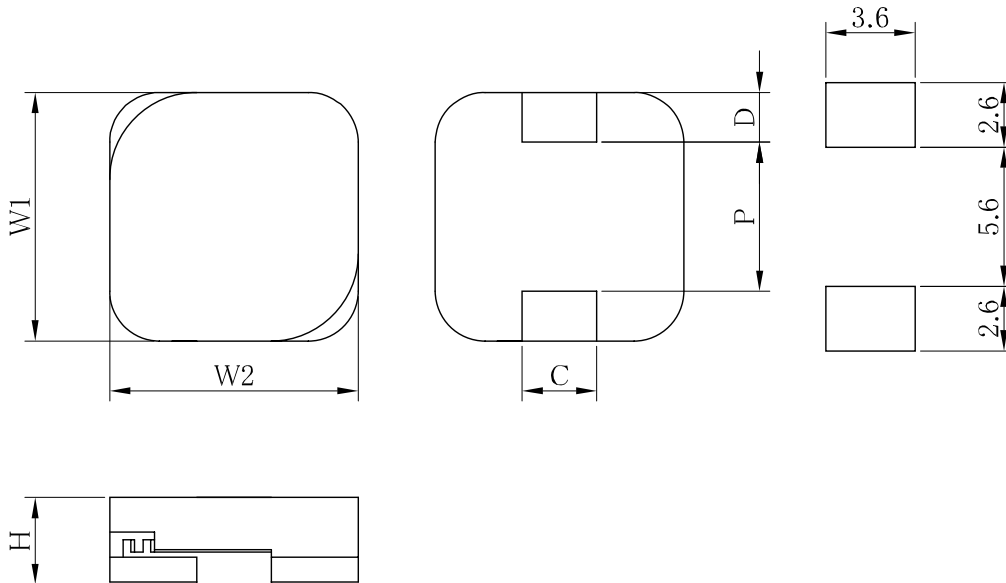


SHP 1035P-F Series

Shield Type Ni-Zn Ferrite Choke Coils

Dimensions



UNIT: mm

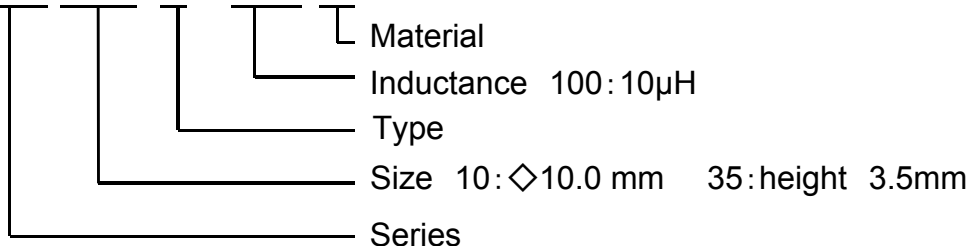
W1	W2	H	C	D	P1
10.1±0.3	10.1±0.3	3.5max	3.0±0.2	2.0±0.3	6.1

Features

- Using high-Bm Ni-Zn ferrite core
- Contribute to miniaturization of electronic equipment
- Minimum leakage flux thanks to shield structure
- Lead free product
- Responding to the RoHS Directive

Ordering

SHP 1035 P - F100 A



Specification

Part No.	stamp	Inductance (μH)	Tolerance	Max. DCR (mΩ)	DC Superimposition current *1 (A)	Temperature rise current *2 (A)
SHP1035P-F3R3A	3R3	3.3	±30%	32.4	9.5	5.7
SHP1035P-F4R7A	4R7	4.7	±30%	46.8	8.7	5.2
SHP1035P-F5R6A	5R6	5.6	±30%	51.6	7.9	4.7
SHP1035P-F6R8A	6R8	6.8	±30%	61.2	6.6	4.2
SHP1035P-F8R2A	8R2	8.2	±30%	72.0	6.3	3.7
SHP1035P-F100A	100	10.0	±20%	87.6	6.0	3.4
SHP1035P-F120A	120	12.0	±20%	103.2	5.7	2.4
SHP1035P-F150A	150	15.0	±20%	166.8	4.8	2.2
SHP1035P-F180A	180	18.0	±20%	174.0	4.4	2.1
SHP1035P-F220A	220	22.0	±20%	181.2	4.2	2.0
SHP1035P-F330A	330	33.0	±20%	282.0	3.0	1.5
SHP1035P-F470A	470	47.0	±20%	390.0	2.9	1.4
SHP1035P-F560A	560	56.0	±20%	408.0	2.6	1.3
SHP1035P-F680A	680	68.0	±20%	612.0	2.2	1.2
SHP1035P-F820A	820	82.0	±20%	732.0	1.9	1.1
SHP1035P-F101A	101	100.0	±20%	879.6	1.8	1.0
SHP1035P-F121A	121	120.0	±20%	1089.6	1.6	0.9
SHP1035P-F151A	151	150.0	±20%	1219.2	1.3	0.8
SHP1035P-F181A	181	180.0	±20%	1524.0	1.2	0.7
SHP1035P-F221A	221	220.0	±20%	2602.8	1.1	0.6
SHP1035P-F331A	331	330.0	±20%	3229.2	1.0	0.4
SHP1035P-F471A	471	470.0	±20%	5948.4	0.8	0.2

*1 : DC_current based upon 30% inductance reduction from the initial value.

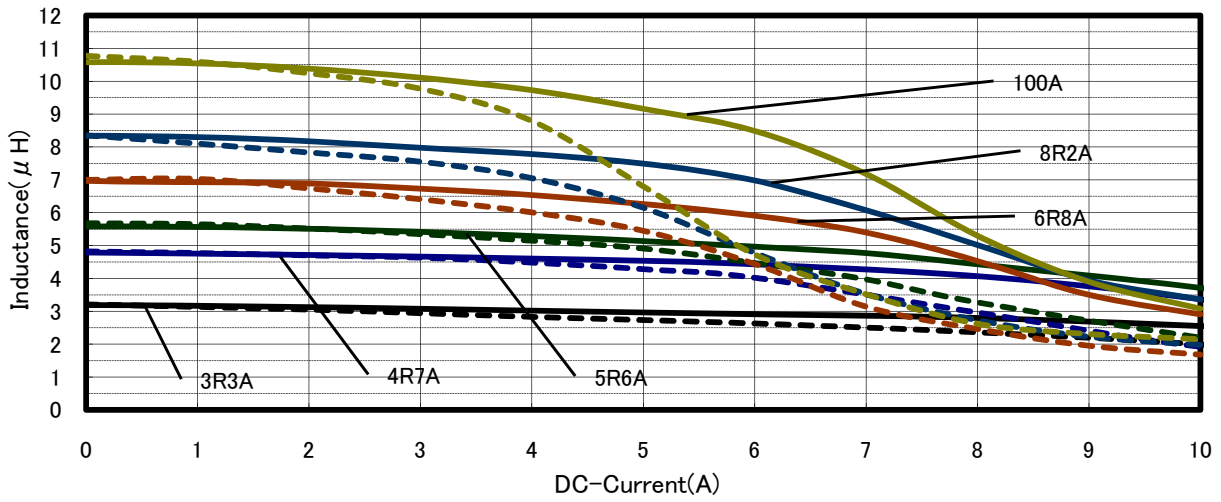
*2 : DC_current based upon 35°C temperature rise.

*3 : Coil operation temperature is -25°C~120°C (includes temperature when the coil is heated)

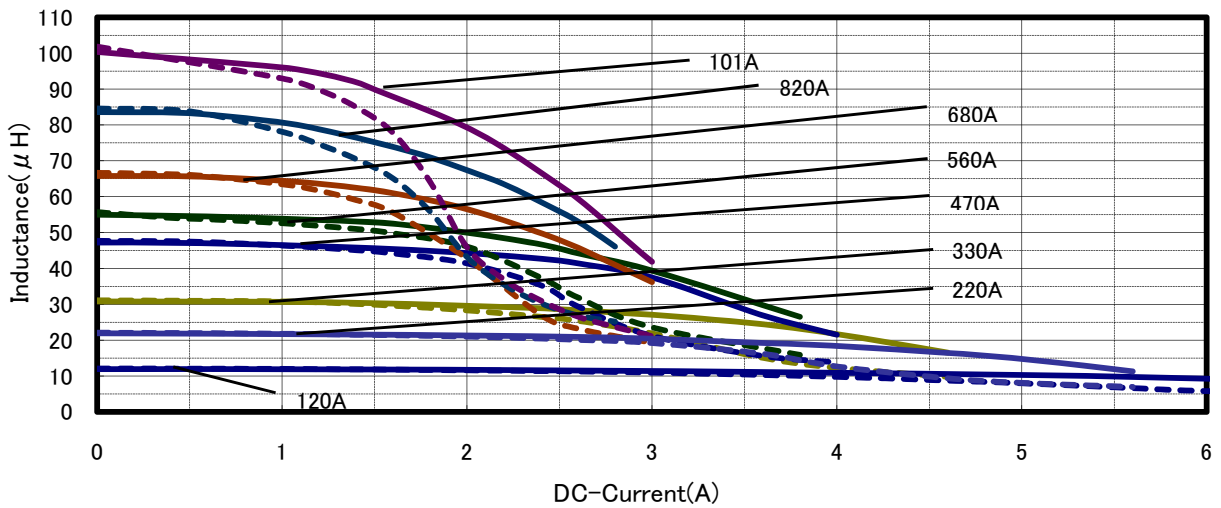
DC Superimposition Characteristics

Test Freq. =100kHz

SHP1035P(3.3 μ ~ 10 μ H)



SHP1035P(12 μ ~ 100 μ H)



SHP1035P(120 μ ~ 470 μ H)

