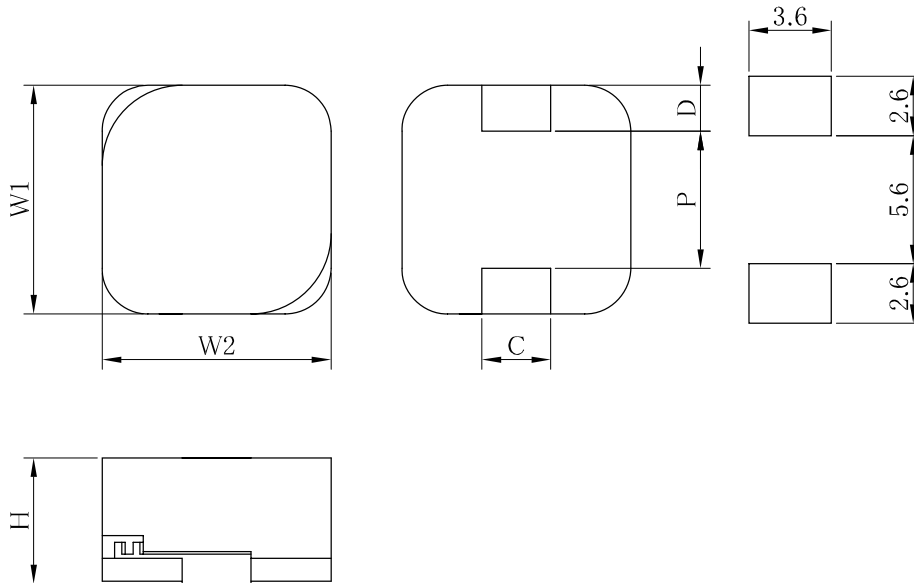


SHP 1055P-F Series

Shield Type Ni-Zn Ferrite Choke Coils

Dimensions



UNIT:mm

W1	W2	H	C	D	P1
10.1±0.3	10.1±0.3	5.5max	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 1055 P - F100 A

Material

Inductance 100:10μH

Type

Size 10:◇10.0 mm 55:height 5.5mm

Series

Specification

Part No.	stamp	Inductance (μH)	Tolerance	Max. DCR (mΩ)	DC Superimposition current *1 (A)	Temperature rise current *2 (A)
SHP1055P-F3R3A	3R3	3.3	±30%	16.8	9.6	7.2
SHP1055P-F4R7A	4R7	4.7	±30%	21.6	8.7	5.8
SHP1055P-F5R6A	5R6	5.6	±30%	24.0	8.3	5.7
SHP1055P-F6R8A	6R8	6.8	±30%	27.6	8.2	5.1
SHP1055P-F8R2A	8R2	8.2	±30%	36.0	7.4	4.7
SHP1055P-F100A	100	10.0	±20%	46.8	6.7	4.0
SHP1055P-F120A	120	12.0	±20%	49.2	5.8	3.8
SHP1055P-F150A	150	15.0	±20%	57.6	4.9	3.5
SHP1055P-F180A	180	18.0	±20%	61.2	4.5	3.4
SHP1055P-F220A	220	22.0	±20%	70.8	4.2	3.3
SHP1055P-F330A	330	33.0	±20%	121.2	3.1	2.7
SHP1055P-F470A	470	47.0	±20%	158.4	2.9	2.0
SHP1055P-F560A	560	56.0	±20%	189.6	2.6	1.8
SHP1055P-F680A	680	68.0	±20%	202.8	2.3	1.7
SHP1055P-F820A	820	82.0	±20%	228.0	1.9	1.6
SHP1055P-F101A	101	100.0	±20%	279.6	1.8	1.5
SHP1055P-F121A	121	120.0	±20%	405.6	1.6	1.4
SHP1055P-F151A	151	150.0	±20%	439.2	1.4	1.2
SHP1055P-F181A	181	180.0	±20%	499.2	1.3	1.1
SHP1055P-F221A	221	220.0	±20%	688.8	1.1	1.0
SHP1055P-F331A	331	330.0	±20%	1040.4	1.0	0.7
SHP1055P-F471A	471	470.0	±20%	1581.6	0.8	0.6

*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

