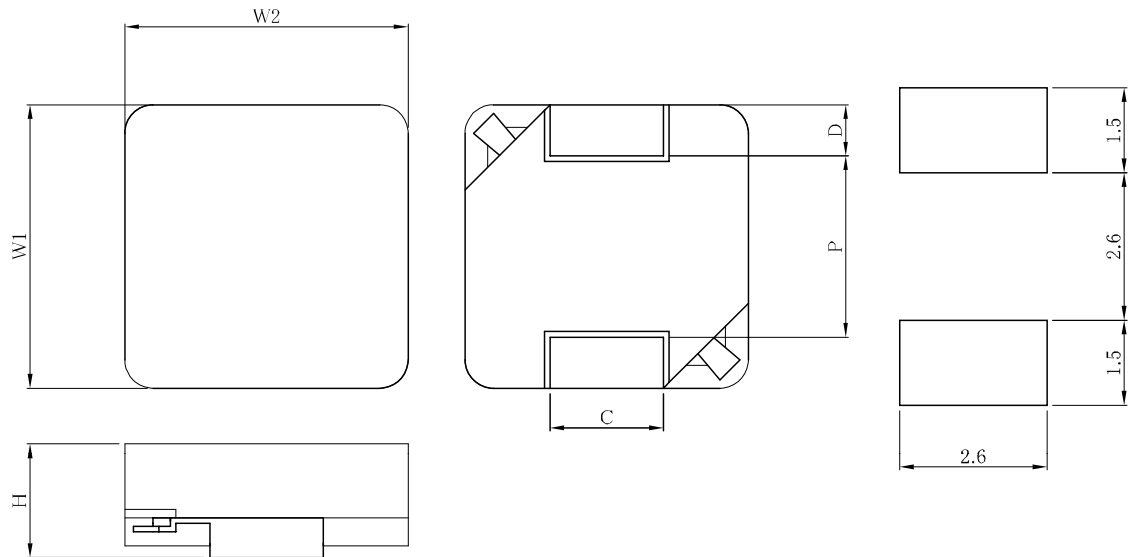


SHP 0520P-F Series

Shield Type Ni-Zn Ferrite Choke Coils

Dimensions



UNIT:mm

W1	W2	H	C	D	P
5.0±0.3	5.0±0.3	2.0max	2.0±0.3	0.9±0.3	3.2

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 0520 P - F100 A

Material

Inductance 100:10μH

Type

Size 05:◇5.0 mm 20:height 2.0mm

Series

Specification

Part No.	stamp	Inductance (μ H)	Tolerance	Max. DCR ($m\Omega$)	DC Superimposition current *1 (A)	Temperature rise current *2 (A)
SHP0520P-F3R3A	3R3	3.3	$\pm 30\%$	108.0	2.7	1.65
SHP0520P-F4R7A	4R7	4.7	$\pm 30\%$	135.6	2.4	1.42
SHP0520P-F5R6A	5R6	5.6	$\pm 30\%$	142.8	2.4	1.33
SHP0520P-F6R8A	6R8	6.8	$\pm 30\%$	177.6	2.1	1.29
SHP0520P-F8R2A	8R2	8.2	$\pm 30\%$	194.4	1.8	1.19
SHP0520P-F100A	100	10.0	$\pm 20\%$	248.4	1.5	1.05
SHP0520P-F120A	120	12.0	$\pm 20\%$	309.6	1.4	0.92
SHP0520P-F150A	150	15.0	$\pm 20\%$	381.6	1.2	0.87
SHP0520P-F180A	180	18.0	$\pm 20\%$	428.4	1.0	0.80
SHP0520P-F220A	220	22.0	$\pm 20\%$	643.2	1.0	0.62
SHP0520P-F330A	330	33.0	$\pm 20\%$	816.0	0.8	0.57
SHP0520P-F470A	470	47.0	$\pm 20\%$	1140.0	0.6	0.49
SHP0520P-F560A	560	56.0	$\pm 20\%$	1268.4	0.6	0.46

*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

