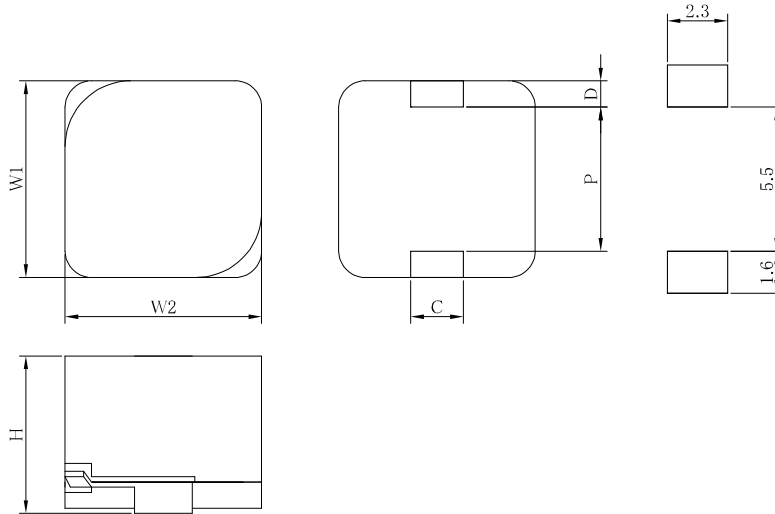


SHP 0760P-F Series

Shield Type Ni-Zn Ferrite Choke Coils

Dimensions



UNIT:mm

W1	W2	H	C	D	P1
7.5±0.5	7.5±0.5	6.0max	2.0±0.2	1.0±0.3	5.5

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 0760 P - F100 A

Material

Inductance 100:10μH

Type

Size 07:◇7.0 mm 60:height 6.0mm

Series

Specification

Part No.	stamp	Inductance (μ H)	Tolerance	Max. DCR ($m\Omega$)	DC Superimposition current *1 (A)	Temperature rise current *2 (A)
SHP0760P-F3R3A	3R3	3.3	$\pm 30\%$	22.8	5.4	5.8
SHP0760P-F4R7A	4R7	4.7	$\pm 30\%$	25.2	4.6	5.2
SHP0760P-F5R6A	5R6	5.6	$\pm 30\%$	30.0	4.1	4.9
SHP0760P-F6R8A	6R8	6.8	$\pm 30\%$	37.2	3.9	4.7
SHP0760P-F8R2A	8R2	8.2	$\pm 30\%$	39.6	3.5	4.4
SHP0760P-F100A	100	10.0	$\pm 20\%$	43.2	3.2	4.1
SHP0760P-F120A	120	12.0	$\pm 20\%$	49.2	2.9	3.6
SHP0760P-F150A	150	15.0	$\pm 20\%$	68.4	2.5	3.1
SHP0760P-F180A	180	18.0	$\pm 20\%$	76.8	2.4	2.9
SHP0760P-F220A	220	22.0	$\pm 20\%$	85.2	2.2	2.7
SHP0760P-F330A	330	33.0	$\pm 20\%$	118.8	1.8	1.9
SHP0760P-F470A	470	47.0	$\pm 20\%$	153.6	1.5	1.7
SHP0760P-F560A	560	56.0	$\pm 20\%$	232.8	1.3	1.6
SHP0760P-F680A	680	68.0	$\pm 20\%$	253.2	1.2	1.5
SHP0760P-F820A	820	82.0	$\pm 20\%$	268.8	1.1	1.3
SHP0760P-F101A	101	100.0	$\pm 20\%$	318.0	1.0	1.2
SHP0760P-F121A	121	120.0	$\pm 20\%$	428.4	0.9	1.15
SHP0760P-F151A	151	150.0	$\pm 20\%$	552.0	0.8	0.9
SHP0760P-F181A	181	180.0	$\pm 20\%$	662.4	0.75	0.85
SHP0760P-F221A	221	220.0	$\pm 20\%$	759.6	0.7	0.7
SHP0760P-F331A	331	330.0	$\pm 20\%$	1131.6	0.5	0.65
SHP0760P-F471A	471	470.0	$\pm 20\%$	1734.0	0.4	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 $-25^{\circ}\text{C} \sim 120^{\circ}\text{C}$ (includes temperature when the coil is heated)

DC Superimposition Characteristics

Test Freq. =100kHz

