

FERRITE FILTER (SH TYPE)

Ferrite

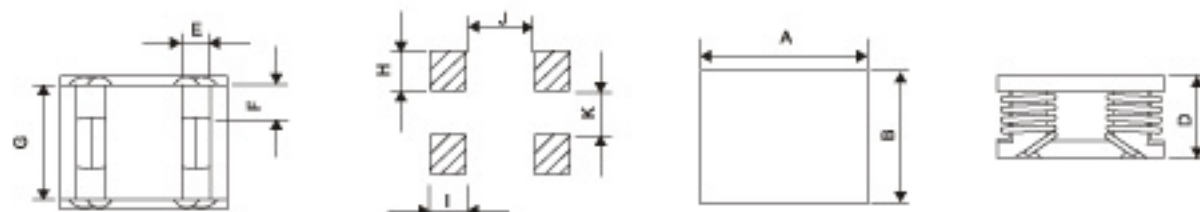
SH COMMON MODE CHOKE SERIES SHAPES

OUTLINE:

- Dual-winding configuration makes 1 unit suffice for one port.
- An excellent TPA/TPB impedance balance is ensured due to winding on a single core.
- Reflow solderable.



SHAPES AND DIMENSIONS



TYPE	A	B	D	E	F	G	H	I	J	K
SH 4.6x5.5x1.6	4.6±0.20	5.5±0.20	1.60±0.20	0.5min	1.0min	/	/	/	/	/
SH 7.5x6x3	7.5±0.20	6.00±0.20	3.00±0.20	1.5min	1.5min	/	/	/	/	/
SH 5x8.5x5	5.0±0.30	8.50±0.30	5.0±0.30	1.0	1.50	8.0±0.30	1.90	1.40	2.20	4.50
SH 10x8x5	10.0±0.30	8.00±0.30	5.00±0.30	1.70	2.00	7.0±0.30	2.40	2.10	4.20	2.60
SH 12x10x6	12.0±0.30	10.0±0.30	6.00±0.10	2.0	1.5	6.0±0.30	3.0	2.60	4.70	4.00

ELECTRICAL CHARACTERISTICS

Part Number	Inductance (μH) At 1KHz	DC Resistance (Ω)MAX.	Rated Current (A)MAX.	Impedance(Ω) At 1MHz	Impedance(Ω) At 50MHz	Impedance(Ω) At 100MHz
SH4.6x5.5x1.6	/	0.100	2.00	/	/	200Min
SH4.6x5.5x1.6	/	0.100	2.00	/	/	400Min
SH7.5x6x3	/	0.045	2.00	/	/	650Min
SH7.5x6x3	/	0.050	2.00	/	/	900Min
SH5x8.5x5	15.0Min	0.075	2.50	75Min	800Min	300Min
SH10x8x5	5.0Min	0.045	5.00	/	/	700Min
SH12x10x6	30Min	0.030	5.00	/	/	700Min