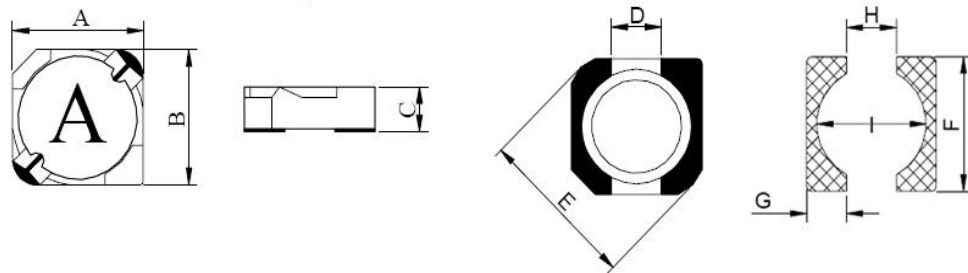




Qian Hong Electronics Co.,Ltd.

MECHANICAL DIMENSIONS(mm):



- A: 5.00 Max.
- B: 5.00 Max.
- C: 2.80 Max.
- D: 2.10 Typ.
- E: 6.20 Ref.
- F: 5.20 Ref.
- G: 1.60 Ref.
- H: 2.00 Ref.
- I: 4.20 Ref.

ELECTRICAL CHARACTERISTICS:

MODEL NO	L(uH)	Test Freq.(kHz)/0.1V	DCR Max.(mΩ)	I _{ast} (A)	I _{rms} (A)
SD5028-1R2Y	1.2±30%	100	17.0	3.04	4.82
SD5028-2R2Y	2.2±30%	100	23.0	2.32	3.78
SD5028-3R6Y	3.6±30%	100	35.0	1.82	2.93
SD5028-4R7Y	4.7±30%	100	40.0	1.58	2.63
SD5028-5R4Y	5.4±30%	100	47.0	1.49	2.39
SD5028-7R4Y	7.4±30%	100	63.0	1.28	2.16
SD5028-8R6Y	8.6±30%	100	70.0	1.22	2.12
SD5028-100M	10±20%	100	88.0	1.13	1.76
SD5028-120M	12±20%	100	100.0	0.99	1.62
SD5028-150M	15±20%	100	119.0	0.90	1.42
SD5028-180M	18±20%	100	136.0	0.85	1.28
SD5028-220M	22±20%	100	179.0	0.72	1.10
SD5028-270M	27±20%	100	197.0	0.68	1.06
SD5028-330M	33±20%	100	239.0	0.59	0.95
SD5028-390M	39±20%	100	272.0	0.57	0.90
SD5028-470M	47±20%	100	300.0	0.52	0.86
SD5028-560M	56±20%	100	348.0	0.45	0.81
SD5028-680M	68±20%	100	452.0	0.41	0.70
SD5028-820M	82±20%	100	552.0	0.39	0.59
SD5028-101M	100±20%	100	609.0	0.34	0.56

1. Rated Current Base on $\Delta L/L_0A=35\%$ typ. 2.
 Rated Current Base on temp rise 40°C typ.