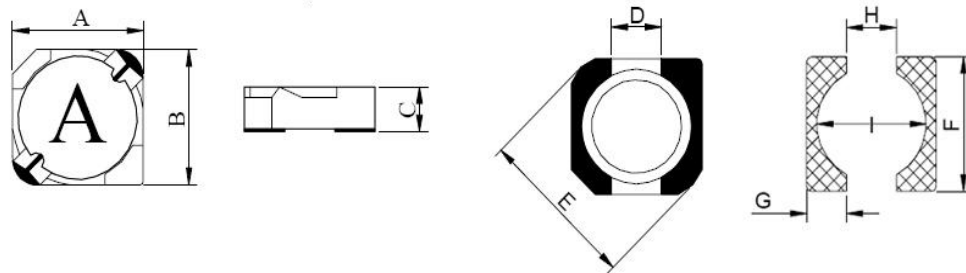




Qian Hong Electronics Co.,Ltd.

MECHANICAL DIMENSIONS(mm):



- A: 4.00 Max.
- B: 4.00 Max.
- C: 1.80 Max.
- D: 1.40 Typ.
- E: 4.80 Ref.
- F: 4.20 Ref.
- G: 1.40 Ref.
- H: 1.30 Ref.
- I: 3.10 Ref.

ELECTRICAL CHARACTERISTICS:

MODEL NO	L(uH)	Test Freq.(kHz)/0.1V	DCR Max.(mΩ)	I _{ast} (A)	I _{rms} (A)
SD4018-1R5Y	1.5±30%	100	50.0	1.62	2.40
SD4018-2R5Y	2.5±30%	100	64.0	1.25	2.10
SD4018-3R6Y	3.6±30%	100	95.0	1.10	1.60
SD4018-4R7Y	4.7±30%	100	115.0	0.92	1.45
SD4018-6R8Y	6.8±30%	100	170.0	0.80	1.25
SD4018-100Y	10±30%	100	250.0	0.62	0.95
SD4018-150M	15±20%	100	320.0	0.50	0.80
SD4018-220M	22±20%	100	500.0	0.42	0.62
SD4018-330M	33±20%	100	740.0	0.32	0.50
SD4018-470M	47±20%	100	1000.0	0.27	0.42
SD4018-680M	68±20%	100	1450.0	0.25	0.35
SD4018-101M	100±20%	100	2400.0	0.20	0.27
SD4018-181M	180±20%	100	3500.0	0.15	0.20

1. Rated Current Base on $\Delta L/L0A=35\%$ typ. 2.
 Rated Current Base on temp rise 40°C typ.