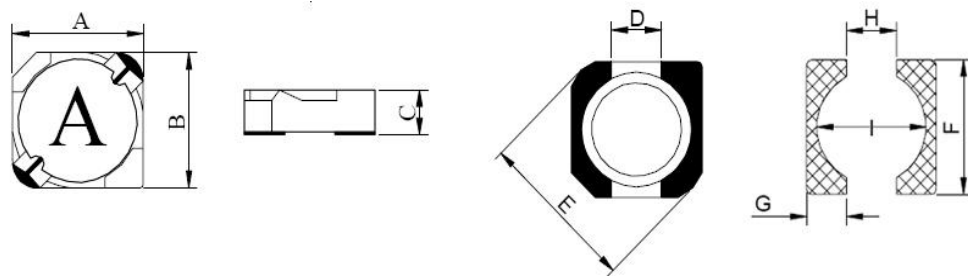




Qian Hong Electronics Co.,Ltd.

MECHANICAL DIMENSIONS(mm):



- A: 6.00 Max.
- B: 6.00 Max.
- C: 1.80 Max.
- D: 2.00 Typ.
- E: 6.80 Ref.
- F: 6.20 Ref.
- G: 2.20 Ref.
- H: 1.80 Ref.
- I: 4.90 Ref.

ELECTRICAL CHARACTERISTICS:

MODEL NO	L(uH)	Test Freq.(kHz)/0.1V	DCR Max.(mΩ)	I _{ast} (A)	I _{rms} (A)
SD6018-2R5Y	2.5±30%	100	36.0	2.35	2.68
SD6018-3R9Y	3.9±30%	100	58.0	1.80	2.30
SD6018-4R7Y	4.7±30%	100	65.0	1.65	2.10
SD6018-6R2Y	6.2±30%	100	84.0	1.40	1.80
SD6018-9R0Y	9.0±30%	100	119.0	1.20	1.50
SD6018-100M	10±20%	100	135.0	1.15	1.42
SD6018-120M	12±20%	100	170.0	1.00	1.25
SD6018-150M	15±20%	100	205.0	0.90	1.15
SD6018-180M	18±20%	100	233.0	0.85	1.12
SD6018-220M	22±20%	100	309.0	0.75	0.86
SD6018-270M	27±20%	100	359.0	0.72	0.95
SD6018-330M	33±20%	100	454.0	0.63	0.85
SD6018-390M	39±20%	100	575.0	0.55	0.75
SD6018-470M	47±20%	100	638.0	0.53	0.65
SD6018-560M	56±20%	100	835.0	0.45	0.62
SD6018-680M	68±20%	100	911.0	0.43	0.50
SD6018-820M	82±20%	100	1100.0	0.40	0.45
SD6018-101M	100±20%	100	1250.0	0.35	0.42

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