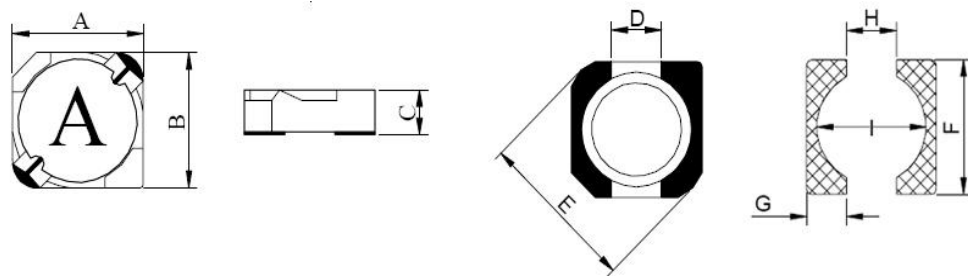




Qian Hong Electronics Co.,Ltd.

MECHANICAL DIMENSIONS(mm):



- A: 6.00 Max.
- B: 6.00 Max.
- C: 2.80 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)
SD6028-2R7Y	2.7±30%	100	30.0	3.00	3.10
SD6028-4R2Y	4.2±30%	100	35.0	2.70	3.00
SD6028-5R3Y	5.3±30%	100	40.0	2.50	2.85
SD6028-6R2Y	6.2±30%	100	45.0	2.00	2.65
SD6028-8R2Y	8.2±30%	100	55.0	1.80	2.45
SD6028-100M	10±20%	100	70.0	1.70	2.30
SD6028-120M	12±20%	100	80.0	1.60	2.00
SD6028-150M	15±20%	100	100.0	1.40	1.70
SD6028-180M	18±20%	100	110.0	1.20	1.50
SD6028-220M	22±20%	100	120.0	1.10	1.30
SD6028-270M	27±20%	100	160.0	1.05	1.20
SD6028-330M	33±20%	100	190.0	0.95	1.10
SD6028-390M	39±20%	100	210.0	0.90	1.00
SD6028-470M	47±20%	100	250.0	0.80	0.90
SD6028-560M	56±20%	100	300.0	0.70	0.85
SD6028-680M	68±20%	100	350.0	0.65	0.80
SD6028-820M	82±20%	100	430.0	0.55	0.65
SD6028-101M	100±20%	100	480.0	0.50	0.60
SD6028-151M	150±20%	100	900.0	0.40	0.50
SD6028-221M	220±20%	100	1250.0	0.35	0.40
SD6028-331M	330±20%	100	2000.0	0.25	0.25
SD6028-681M	680±20%	100	4300.0	0.20	0.20

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