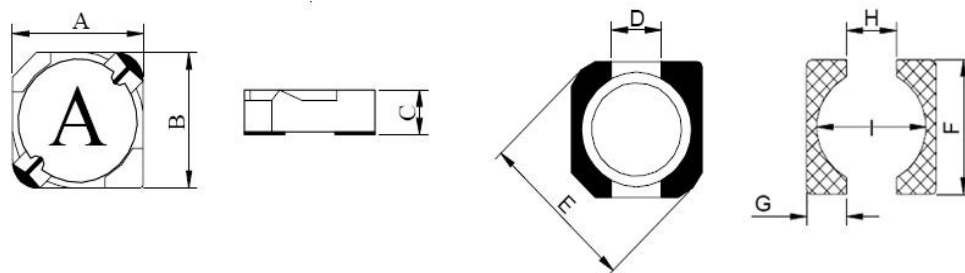




Qian Hong Electronics Co.,Ltd.

MECHANICAL DIMENSIONS(mm):



- A: 7.00 Max.
- B: 7.00 Max.
- C: 2.50 Max.
- D: 2.70 Typ.
- E: 7.80 Ref.
- F: 7.20 Ref.
- G: 2.35 Ref.
- H: 2.50 Ref.
- I: 5.70 Ref.

ELECTRICAL CHARACTERISTICS:

MODEL NO	L(uH)	Test Freq.(kHz)/0.1V	DCR Max.(mΩ)	I _{ast} (A)	I _{rms} (A)
SD7025-2R2Y	2.2±30%	100	22.0	3.15	4.50
SD7025-3R3Y	3.3±30%	100	25.0	2.70	4.15
SD7025-3R6Y	3.6±30%	100	30.0	2.48	3.87
SD7025-4R7Y	4.7±30%	100	36.0	2.25	3.30
SD7025-5R6Y	5.6±30%	100	42.0	2.07	3.05
SD7025-6R8M	6.8±30%	100	44.0	1.80	2.85
SD7025-8R0M	8.0±30%	100	57.0	1.71	2.66
SD7025-100M	10±20%	100	78.0	1.49	2.25
SD7025-120M	12±20%	100	86.0	1.40	2.07
SD7025-150M	15±20%	100	101.0	1.22	1.98
SD7025-180M	18±20%	100	108.0	1.17	1.89
SD7025-220M	22±20%	100	122.0	1.04	1.80
SD7025-270M	27±20%	100	155.0	0.95	1.53
SD7025-330M	33±20%	100	186.0	0.90	1.49
SD7025-390M	39±20%	100	246.0	0.77	1.22
SD7025-470M	47±20%	100	281.0	0.72	1.04
SD7025-560M	56±20%	100	353.0	0.65	0.98
SD7025-680M	68±20%	100	383.0	0.61	0.90
SD7025-820M	82±20%	100	435.0	0.56	0.85
SD7025-101M	100±20%	100	516.0	0.50	0.81

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