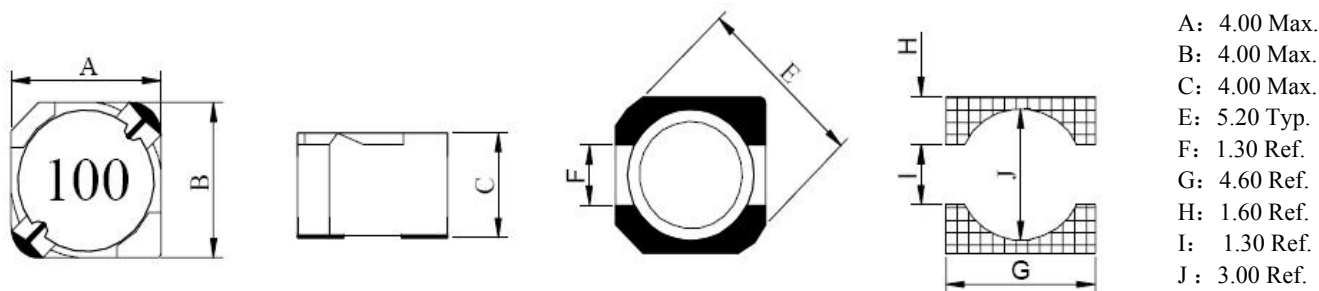




Qian Hong Electronics Co.,Ltd.

MECHANICAL DIMENSIONS(mm):



A: 4.00 Max.
 B: 4.00 Max.
 C: 4.00 Max.
 E: 5.20 Typ.
 F: 1.30 Ref.
 G: 4.60 Ref.
 H: 1.60 Ref.
 I: 1.30 Ref.
 J: 3.00 Ref.

ELECTRICAL CHARACTERISTICS:

MODEL NO	L(uH)	Test Freq.(kHz)/0.1V	DCR Max.(mΩ)	Rated Current(A)
SD4040-1R2Y	1.2±30%	100	34.0	2.95
SD4040-2R2Y	2.2±30%	100	46.0	2.20
SD4040-3R3Y	3.3±30%	100	56.0	1.90
SD4040-4R7Y	4.7±30%	100	84.0	1.62
SD4040-6R8Y	6.8±30%	100	103.0	1.26
SD4040-8R6Y	8.6±30%	100	113.0	1.10
SD4040-100Y	10±30%	100	123.0	0.99
SD4040-120Y	12±30%	100	145.0	0.95
SD4040-150Y	15±30%	100	150.0	0.88
SD4040-180Y	18±30%	100	215.0	0.77
SD4040-220Y	22±30%	100	305.0	0.72
SD4040-330Y	33±30%	100	340.0	0.57
SD4040-470Y	47±30%	100	410.0	0.47
SD4040-680Y	68±30%	100	520.0	0.40
SD4040-820Y	82±30%	100	640.0	0.37
SD4040-101Y	100±30%	100	840.0	0.32
SD4040-151Y	150±30%	100	1100.0	0.30
SD4040-221Y	220±30%		1600.0	0.25

1. Rated Current Base on $\Delta L/L0A=20\%$ typ. 2.

Rated Current Base on temp rise 40°C typ.