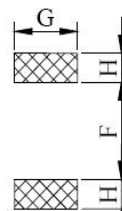
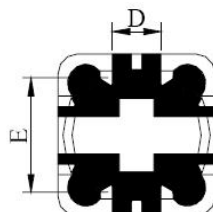
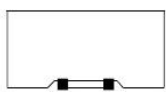
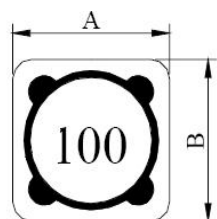




Qian Hong Electronics Co.,Ltd.

MECHANICAL DIMENSIONS(mm):



(PCB Pattern)

A: 12.5±0.3
 B: 12.5±0.3
 C: 6.0±0.5
 D: 4.90 Typ.
 E: 7.90 Typ.
 F: 7.30 Ref.
 G: 5.30 Ref.
 H: 2.80 Ref.

ELECTRICAL CHARACTERISTICS:

MODEL NO	L(uH)	Test Freq.(kHz)/0.1V	DCR Max.(mΩ)	I _{ast} (A)	I _{rms} (A)
SC1206-100M	10±20%	1	35.0	5.50	4.80
SC1206-120M	12±20%	1	38.0	5.00	4.30
SC1206-150M	15±20%	1	41.0	4.60	4.00
SC1206-180M	18±20%	1	51.0	3.90	4.00
SC1206-220M	22±20%	1	54.0	3.70	3.80
SC1206-270M	27±20%	1	62.0	3.30	3.00
SC1206-330M	33±20%	1	95.0	2.80	2.50
SC1206-390M	39±20%	1	100.0	2.70	2.40
SC1206-470M	47±20%	1	135.0	2.50	2.20
SC1206-560M	56±20%	1	145.0	2.20	2.00
SC1206-680M	68±20%	1	160.0	2.10	2.00
SC1206-820M	82±20%	1	185.0	1.90	1.70
SC1206-101M	100±20%	1	235.0	1.70	1.50
SC1206-121K	120±10%	1	260.0	1.65	1.40
SC1206-151K	150±10%	1	320.0	1.55	1.30
SC1206-181K	180±10%	1	350.0	1.40	1.20
SC1206-221K	220±10%	1	460.0	1.30	1.10
SC1206-271K	270±10%	1	520.0	1.20	1.00
SC1206-331K	330±10%	1	690.0	1.10	0.90
SC1206-391K	390±10%	1	880.0	1.00	0.80
SC1206-471K	470±10%	1	995.0	0.90	0.70
SC1206-561K	560±10%	1	1200.0	0.80	0.65
SC1206-681K	680±10%	1	1360.0	0.75	0.63
SC1206-821K	820±10%	1	1660.0	0.63	0.50
SC1206-102K	1000±10%	1	2050.0	0.60	0.50

1. Isat Base on $\Delta L/L0A=25\%$ typ.
2. I_{rms} Base on temp rise 40°C typ.