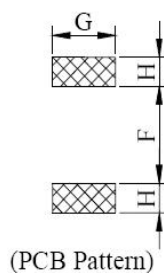
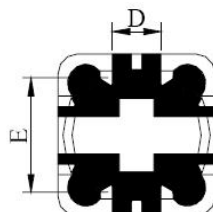
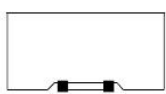
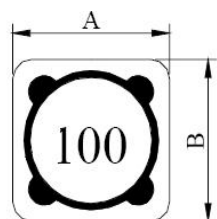




Qian Hong Electronics Co.,Ltd.

MECHANICAL DIMENSIONS(mm):



- A: 12.5±0.3
- B: 12.5±0.3
- C: 5.0 Max.
- D: 4.90 Typ.
- E: 7.90 Typ.
- F: 7.30 Ref.
- G: 5.30 Ref.
- H: 2.80 Ref.

(PCB Pattern)

ELECTRICAL CHARACTERISTICS:

MODEL NO	L(uH)	Test Freq.(kHz)/0.1V	DCR Max.(mΩ)	I _{ast} (A)	I _{rms} (A)
SC1205-100M	10±20%	1	47.0	3.90	3.50
SC1205-120M	12±20%	1	55.0	3.70	3.40
SC1205-150M	15±20%	1	76.0	3.20	2.90
SC1205-180M	18±20%	1	87.0	2.80	2.60
SC1205-220M	22±20%	1	93.0	2.70	2.30
SC1205-270M	27±20%	1	127.0	2.30	2.00
SC1205-330M	33±20%	1	135.0	2.20	1.90
SC1205-390M	39±20%	1	150.0	2.00	1.80
SC1205-470M	47±20%	1	185.0	1.80	1.60
SC1205-560M	56±20%	1	200.0	1.70	1.50
SC1205-680M	68±20%	1	230.0	1.60	1.40
SC1205-820M	82±20%	1	255.0	1.50	1.40
SC1205-101M	100±20%	1	305.0	1.30	1.30
SC1205-121K	120±10%	1	390.0	1.10	1.10
SC1205-151K	150±10%	1	500.0	1.00	0.90
SC1205-181K	180±10%	1	560.0	0.95	0.84
SC1205-221K	220±10%	1	670.0	0.77	0.77
SC1205-271K	270±10%	1	805.0	0.68	0.77
SC1205-331K	330±10%	1	930.0	0.61	0.70
SC1205-391K	390±10%	1	1140.0	0.57	0.66
SC1205-471K	470±10%	1	1480.0	0.50	0.57
SC1205-561K	560±10%	1	1670.0	0.47	0.54
SC1205-681K	680±10%	1	2070.0	0.41	0.48
SC1205-821K	820±10%	1	2400.0	0.39	0.40
SC1205-102K	1000±10%	1	3090.0	0.38	0.40

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