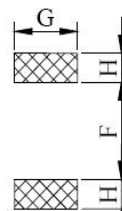
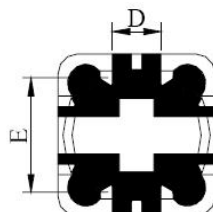
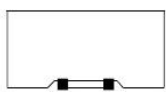
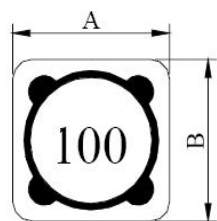




Qian Hong Electronics Co.,Ltd.

MECHANICAL DIMENSIONS(mm):



(PCB Pattern)

- A: 12.5±0.3
- B: 12.5±0.3
- C: 8.0 Max.
- 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 _{sat} (A)	I _{rms} (A)
SC1208-2R5Y	2.5±30%	1	14.5	10.50	7.10
SC1208-4R5Y	4.5±30%	1	18.0	8.80	6.20
SC1208-6R5Y	6.5±30%	1	20.0	8.50	6.00
SC1208-100M	10±20%	1	25.0	7.20	5.20
SC1208-120M	12±20%	1	29.0	6.30	4.90
SC1208-150M	15±20%	1	35.0	6.00	4.50
SC1208-180M	18±20%	1	40.0	5.00	4.00
SC1208-220M	22±20%	1	46.0	4.50	3.60
SC1208-270M	27±20%	1	55.0	4.00	3.30
SC1208-330M	33±20%	1	70.5	3.60	3.00
SC1208-390M	39±20%	1	86.0	3.30	2.70
SC1208-470M	47±20%	1	95.0	3.20	2.40
SC1208-560M	56±20%	1	110.0	2.80	2.20
SC1208-680M	68±20%	1	135.0	2.50	2.00
SC1208-820M	82±20%	1	150.0	2.40	1.90
SC1208-101K	100±20%	1	170.0	2.10	1.80
SC1208-121K	120±10%	1	210.0	2.00	1.70
SC1208-151K	150±10%	1	270.0	1.80	1.60
SC1208-181K	180±10%	1	300.0	1.60	1.50
SC1208-221K	220±10%	1	390.0	1.50	1.40
SC1208-271K	270±10%	1	450.0	1.40	1.30
SC1208-331K	330±10%	1	550.0	1.20	1.20
SC1208-391K	390±10%	1	600.0	1.10	1.10
SC1208-471K	470±10%	1	820.0	1.00	1.00
SC1208-561K	560±10%	1	850.0	1.00	0.90
SC1208-681K	680±10%	1	1030.0	0.90	0.80
SC1208-821K	820±10%	1	1200.0	0.80	0.70
SC1208-102K	1000±10%	1	1500.0	0.75	0.65
SC1208-122K	1200±10%	1	1800.0	0.70	0.60
SC1208-152K	1500±10%	1	2200.0	0.60	0.50

1. I_{sat} Base on Δ L/L0A=25% typ.
2. I_{rms} Base on temp rise 40°C typ.