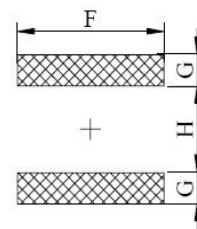
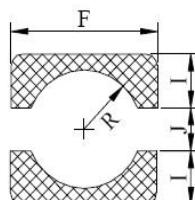
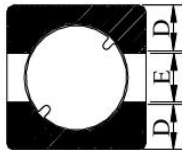
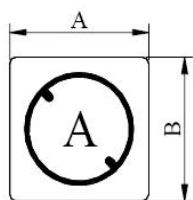




Qian Hong Electronics Co.,Ltd.

MECHANICAL DIMENSIONS(mm):



- A: 2.80 Max.
- B: 2.80 Max.
- C: 1.00 Max.
- D: 0.80 Typ.
- E: 0.90 Typ.
- F: 2.90 Ref.
- G: 0.70 Ref.
- H: 1.70 Ref.
- I: 1.00 Ref.
- J: 0.90 Ref.
- R: 0.90 Ref.

ELECTRICAL CHARACTERISTICS:

MODEL NO	L(uH)	Q	Ref	Test Freq. (MHz)	SRF(MHz) typ	DCR Max.(mΩ)	Isat(A)	Irms(A)
SDH2009-1R0Y	1.0±30%	6		7.96	210.0	105.0	0.78	1.45
SDH2009-2R2Y	2.2±30%	6		7.96	135.0	205.0	0.54	1.10
SDH2009-3R3Y	3.3±30%	6		7.96	110.0	290.0	0.43	0.86
SDH2009-4R7Y	4.7±30%	6		7.96	90.0	430.0	0.37	0.62
SDH2009-6R8Y	6.8±30%	6		7.96	70.0	580.0	0.27	0.54
SDH2009-100Y	10±30%	6		2.52	55.0	850.0	0.24	0.47
SDH2009-150Y	15±30%	10		2.52	50.0	1220.0	0.20	0.35
SDH2009-220Y	22±30%	10		2.52	35.0	2210.0	0.15	0.25

1. Inductance Test Freq : 100kHz/0.1V
2. Rated Current Base on $\Delta L/L0A=35\%$ typ.
3. Rated Current Base on temp rise 40°C typ.