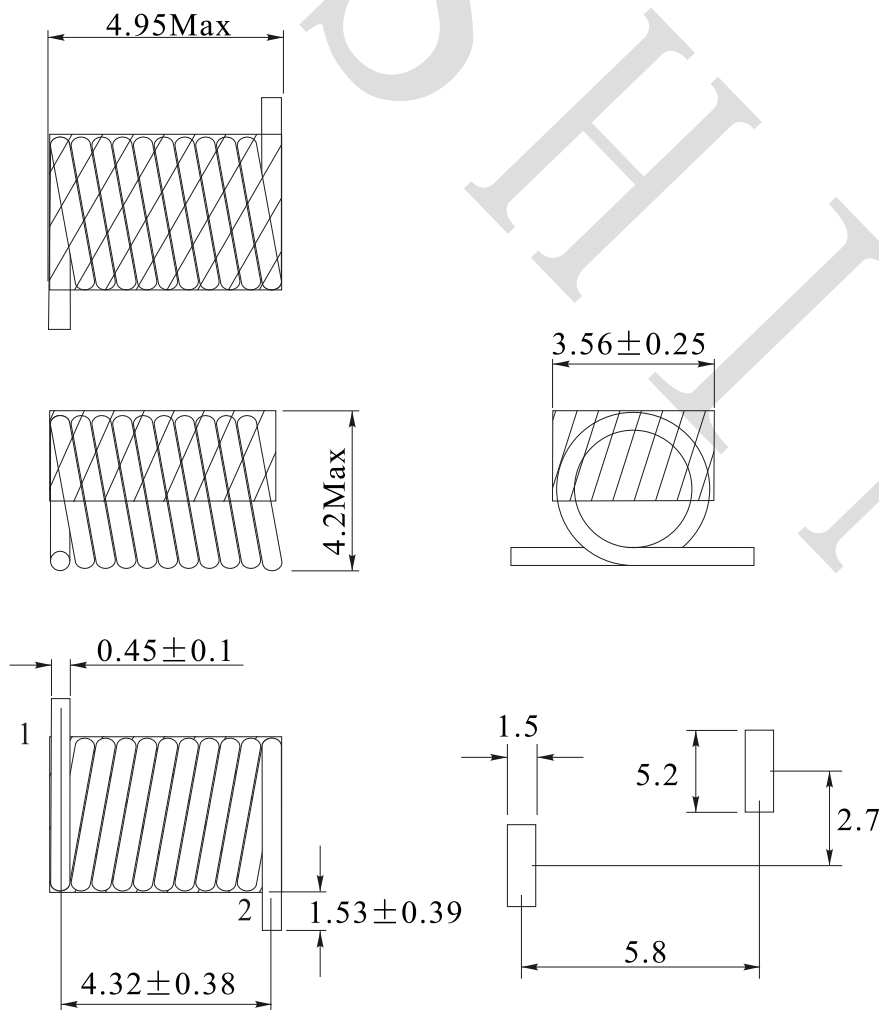
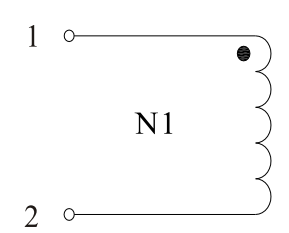


Rev.	Description	Date
A0	New release	2017.03.06

1. PHYSICAL CHARACTERISTICS (mm)



2. ELECTRICAL SCHEMATIC



3. ELECTRICAL SPECIFICATIONS

L: 47nH $\pm$ 5% @150MHz,0.1V
 DCR: 5.6m Ω Max
 IDC: 3.0A Max
 Q: 100Min@150MHz
 SRF: 2.1GHz Min
 Operating temperature range: -40 $^{\circ}$ C to +85 $^{\circ}$ C
 Storage temperature range: -40 $^{\circ}$ C to +85 $^{\circ}$ C

Test Instrument:

L: HP4291A
 RDC: HM2540

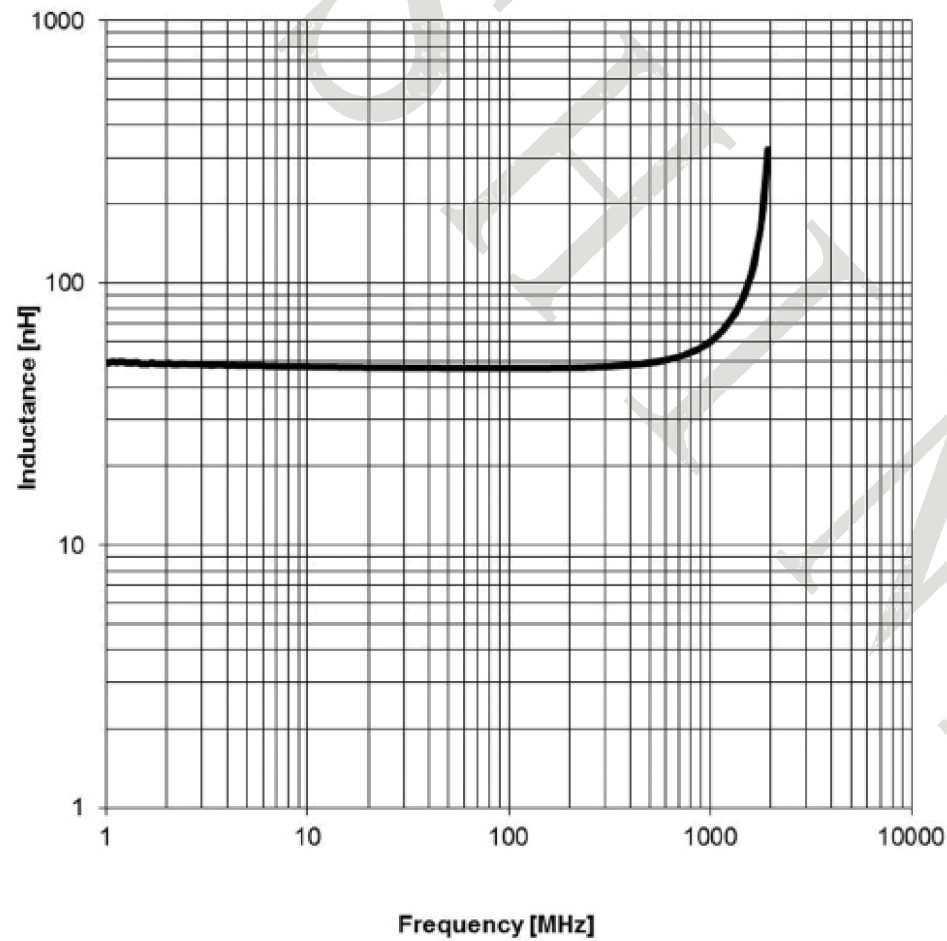
NAME:	Air-core coil		
CUSTOMER P/N:		DATE:	2017-03-06
SHINHOM P/N:	SMAR5040-47NJ	REV: A0	PAGE
DRAWN BY	CHECKED BY	APPROVE BY	



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Inductance vs Frequency



NAME:	Air-core coil		
CUSTOMER P/N:		DATE:	2017-03-06
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