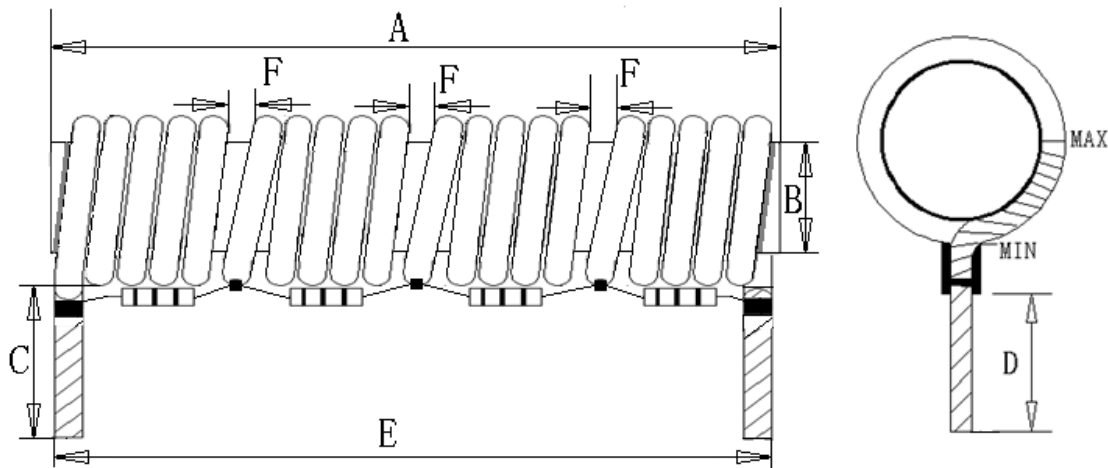


Outline drawing

Feature:

RF CHOKE

- RoHS* compliant and lead free



A	31.0MAX
B	6.0±0.5
C	7.0±1.0
D	4.0±1.0
E	29.0TYP
F	1.8TYP

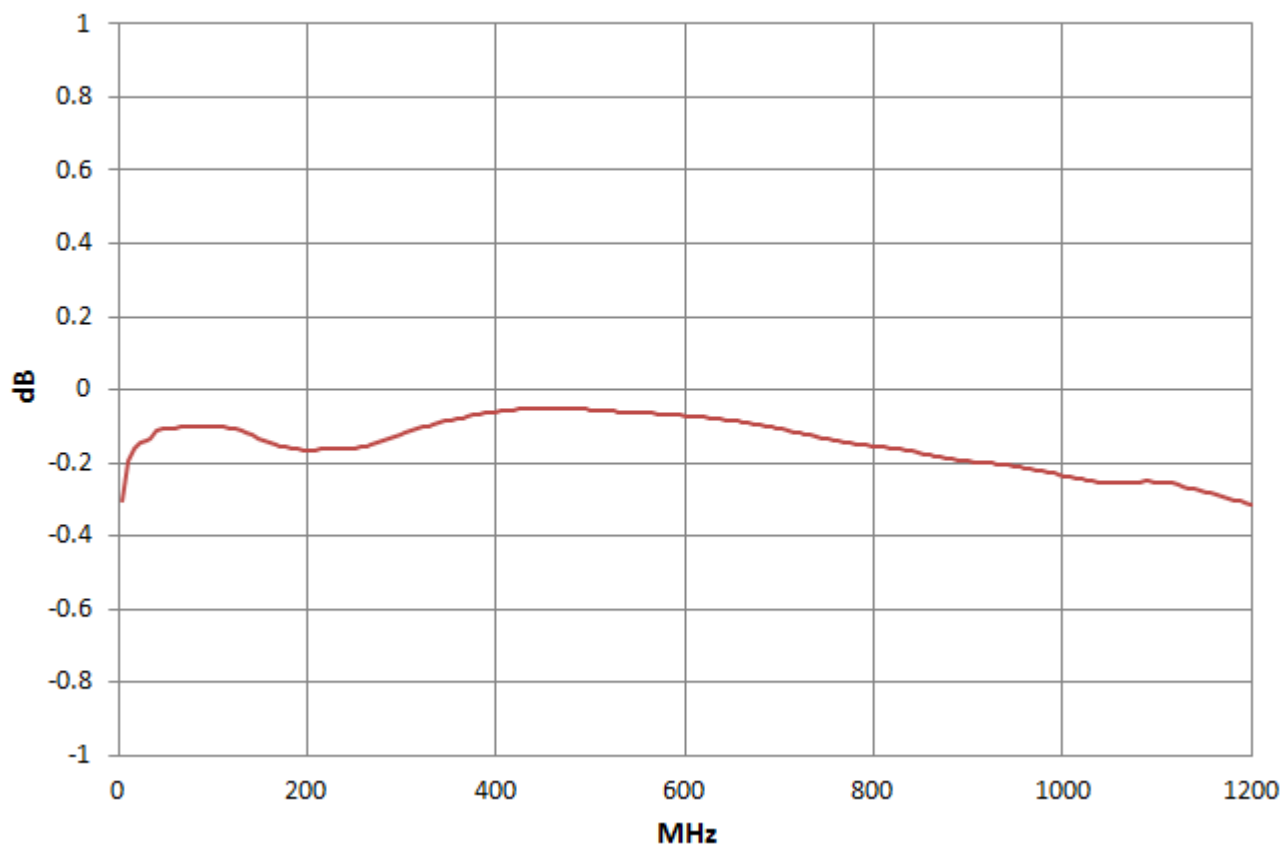
单位: mm



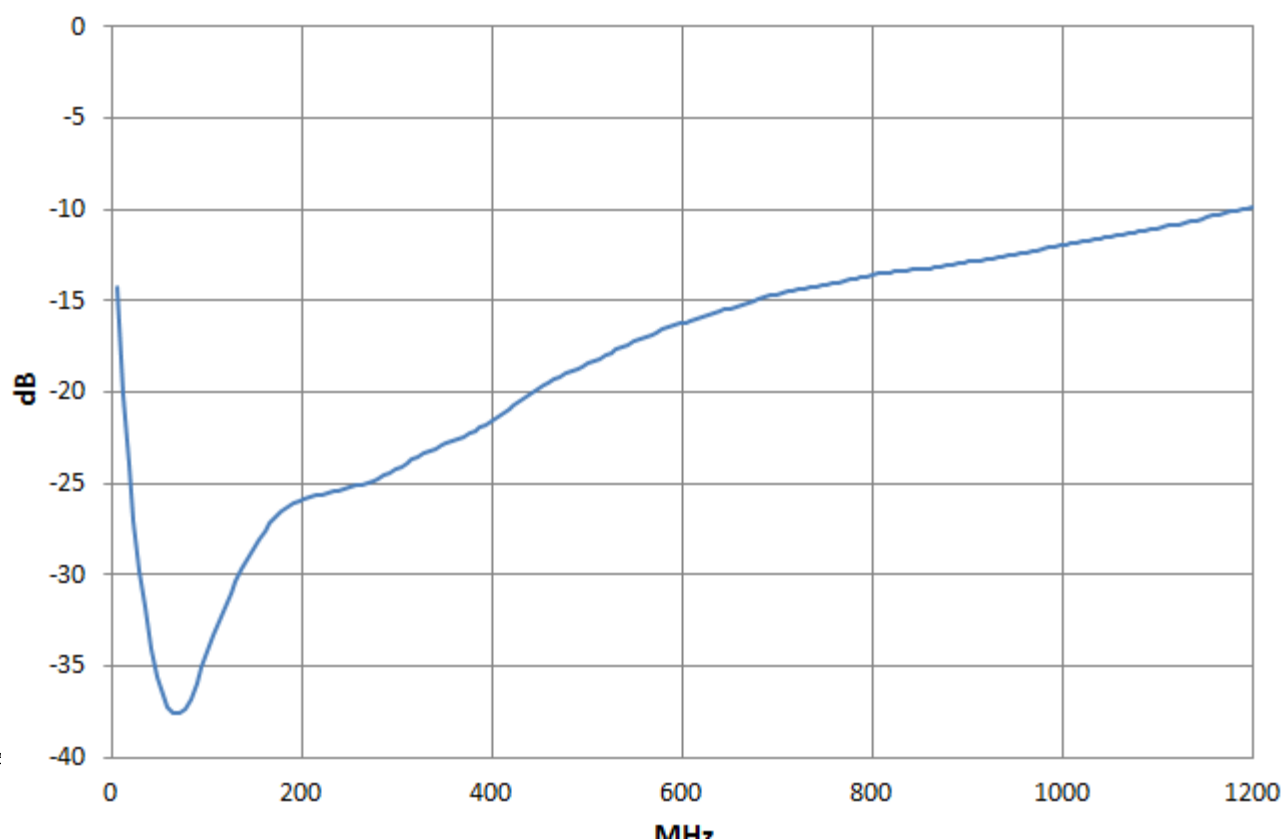
PIN CONFIGURATION

Electrical Specifications: TA=25°C, Zo=75Ω					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Insertion Loss	5-1200MHz	dB	---	0.3	0.6
Ripple	5-1200MHz	dB	---	0	0.15
return loss	10-200MHz	dB	16	25	-
	5-1200MHz	dB	5	10	
RF Power Rating (max)		250mw			
DC Current Rating (max)		30mA			
Test Impedance (50Ω,75Ω, etc.)		75OHM			

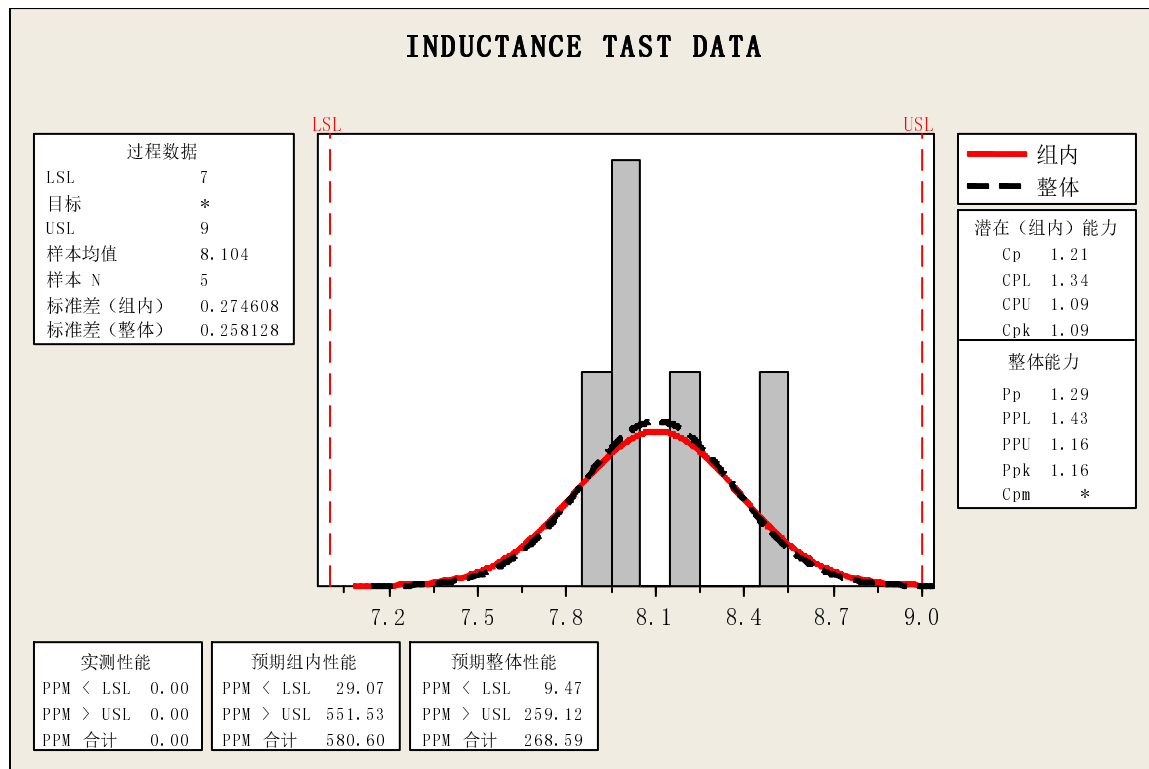
Insertion Loss

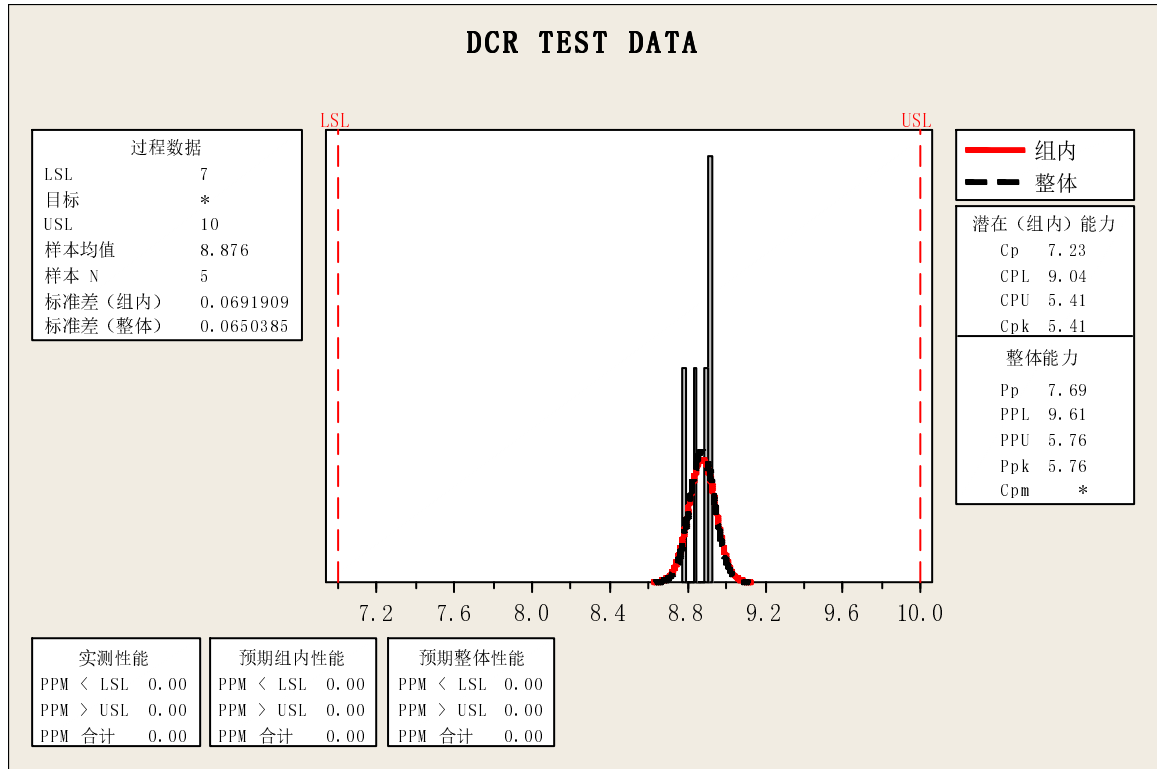


Input Return Loss



Meas Item	Spec.	1	2	3	4	5
Ls	8.0uH±10% (1.0KHZ/0.25V)	8.01	7.86	8.52	7.96	8.17
RDC	12mΩ MAX (25℃)	8.93	8.93	8.78	8.90	8.84
Isat	L8A/L0A≥80% (1.0KHZ/0.25V)	7.61	7.61	8.13	7.70	7.83





项目	规格	测试条件	测试仪器
电感量(Ls)	8.0uH±10%	1KHZ/0.25V	MIC6337
直流电阻(RDC)	12mΩ MAX	25℃	HK502BC
饱和电流(Isat)	L8A/L0A≥80%	1.0KHZ/0.25V	MIC6337+6220