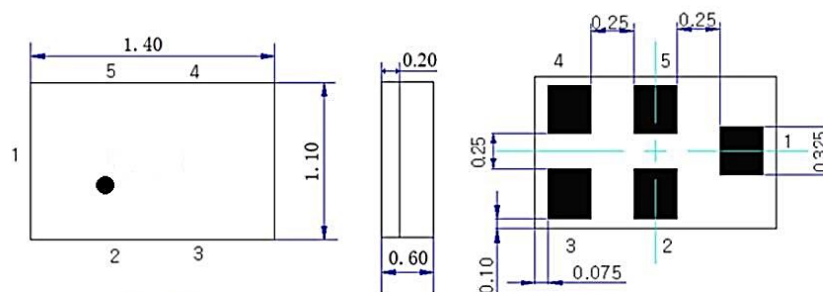


Electrical Specifications

Parameters	Value	Unit
Center Frequency (Fo)	916.500	MHz
-1dB Bandwidth, min/typ	1.2 / 8.6	MHz
Insertion Loss(F ₀ ±2.6MHz, (including temp drift), typ/max	2.8 / 3.0	dB
Insertion Loss(F ₀ ±0.6MHz), typ/max	1.8 / 2.5	dB
Passband Ripple, (F ₀ ±2.6MHz), typ/max	0.7 / 1.0	dB
Passband Ripple, (F ₀ ±0.6MHz), over -40 to +85°C, typ/max	0.7 / 1.0	dB
VSWR (F ₀ ±2.6MHz), typ/max	1.6 / 2.0	-
Attenuation, min/typ	10 ~ 900 MHz	-40 / -45
	F ₀ - 12 MHz	-30 / -52
	F ₀ + 12 MHz	-30 / -46
	930 ~ 2100 MHz	-40 / -60
DC Voltage	5	V
In/Out Impedance	50	Ω
Input Power, max (2000h)	15	dBm
ESD Voltage	50	V
Sensitive Discharge Device	175	
ESD (MM)		
ESD(HBM)		
Operating Temperature Range	-30 to +85	°C
Storage Temperature Range	-40 to +85	°C
MSL	2	-

Dimension



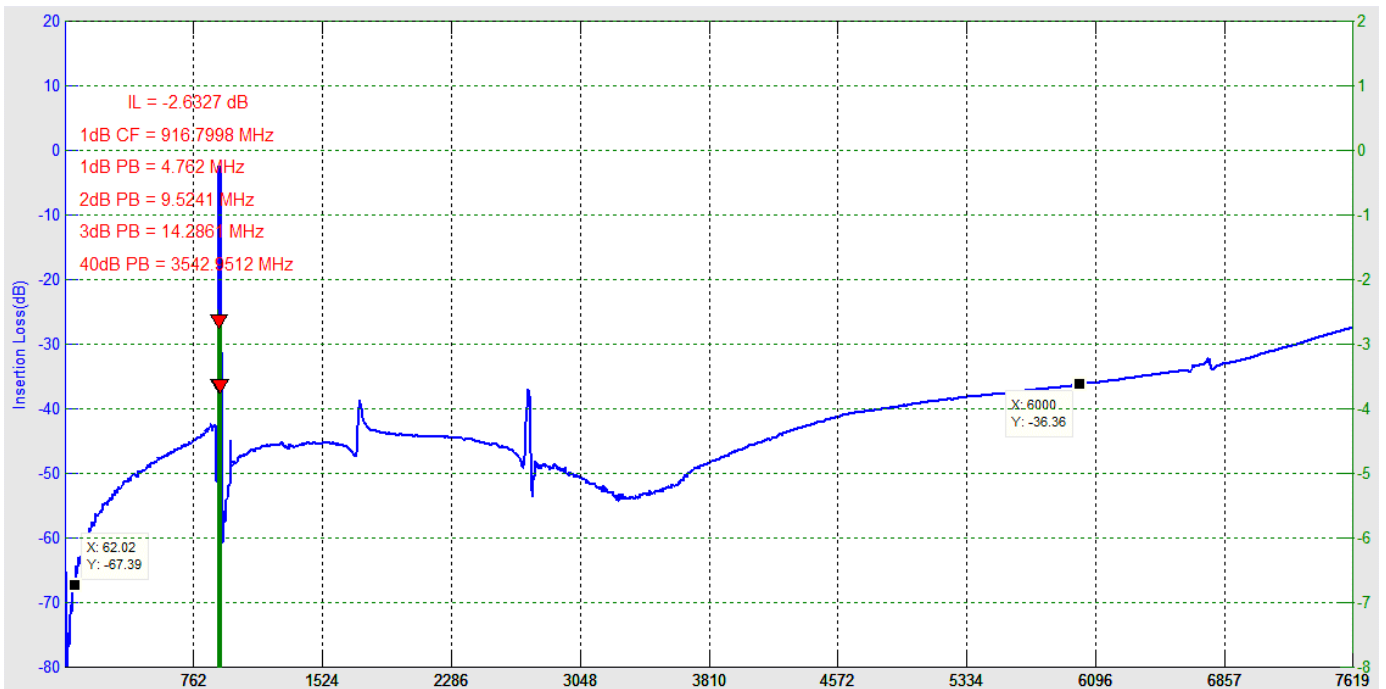
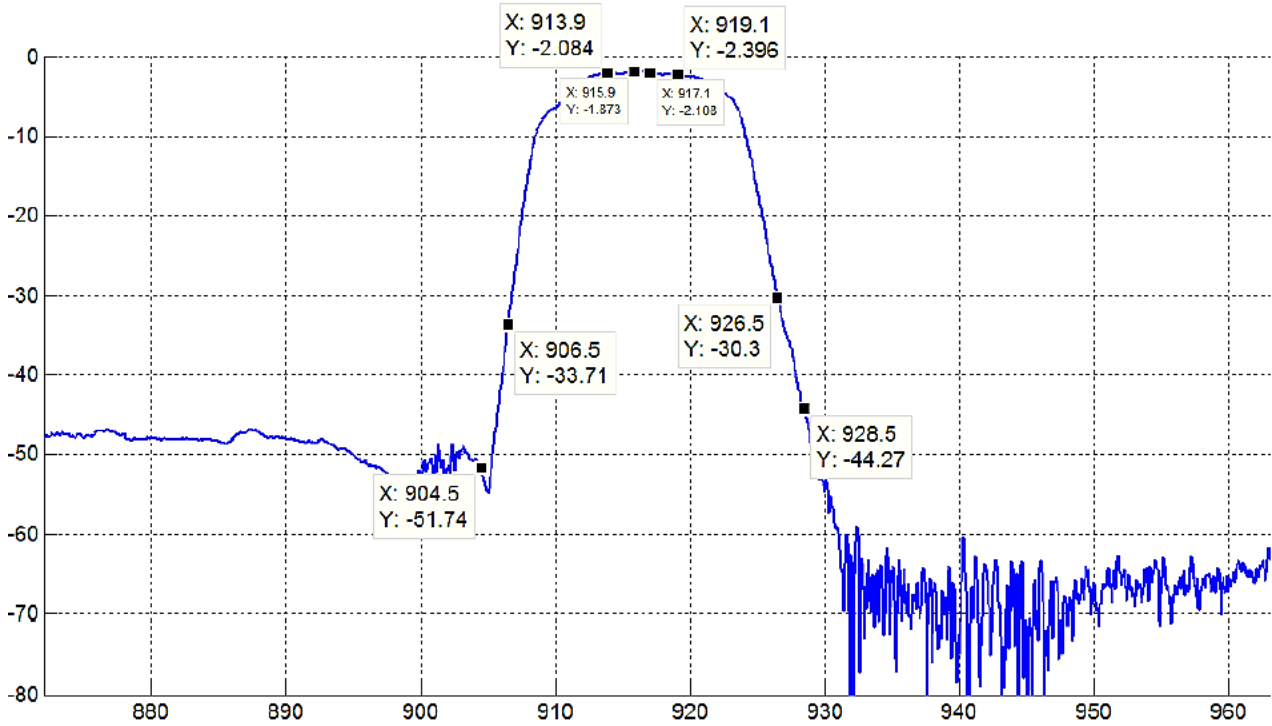
TOP VIEW

BOTTOM VIEW

Pin configuration

- 1. Input
- 4. Output
- 2,3,5 To be grounded

Frequency Characteristics



Environmental

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	2
REACH – SVHC	Compliant
RoHS	Compliant
PACKAGING	TAPE & REEL



- **APPROVAL**

DRAWN BY	LP, January 22, 2018
APPROVED BY	JI, January 22, 2018
REVISION	A, Initial Release