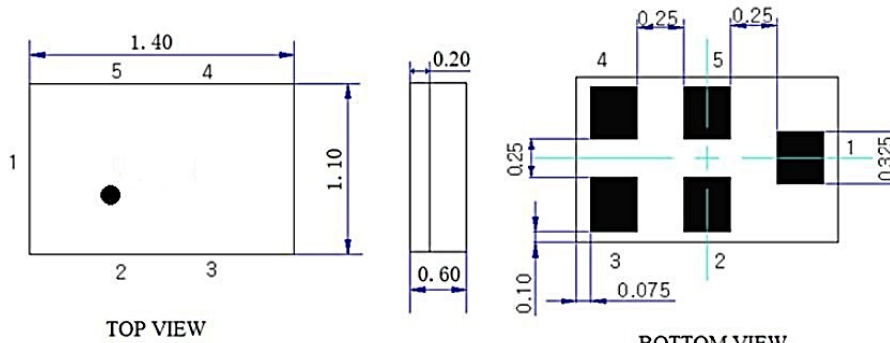


**Electrical Specifications**

Parameters	Value	Unit
Center Frequency (Fo)	1582.400	MHz
Insertion Loss, typ/max	1574.42 ~ 1576.42 MHz	1.3 / 1.5
	1559.05 ~ 1563.15 MHz	1.8 / 2.0
	1573.37 ~ 1577.47 MHz	1.5 / 2.0
	1597.78 ~ 1605.66 MHz	1.8 / 2.0
VSWR, min/typ	1574.42 ~ 1576.42 MHz	1.2 / 2.0
	1559.05 ~ 1563.15 MHz	1.6 / 2.0
	1573.37 ~ 1577.47 MHz	1.4 / 2.0
	1597.78 ~ 1605.66 MHz	1.6 / 2.0
Group Delay Ripple, typ/max 1597.78 ~ 1605.66 MHz	4 / 12	ns
Attenuation, min/typ	10 ~ 824 MHz	-47 / -51
	824 ~ 925 MHz	-47 / -51
	1427 ~ 1453 MHz	-40 / -45
	1710 ~ 1785 MHz	-40 / -45
	1850 ~ 1910 MHz	-40 / -44
	1920 ~ 1980 MHz	-39 / -44
	2400 ~ 2500 MHz	-43 / -45
	2500 ~ 2570 MHz	-37 / -42
	2600 ~ 3000 MHz	-30 / -38
4900 ~ 5850 MHz	-15 / -24	
DC Voltage	5	V
In/Out Impedance	50	Ω
Input Power, max (2000h)	15	dBm
ESD Voltage ESD (MM)	50	V
Sensitive Discharge Device ESD(HBM)	175	V
Operating Temperature Range	-30 to +85	°C
Storage Temperature Range	-40 to +85	°C
MSL	2	-

Note: Parameters at 25°C

**Dimension**



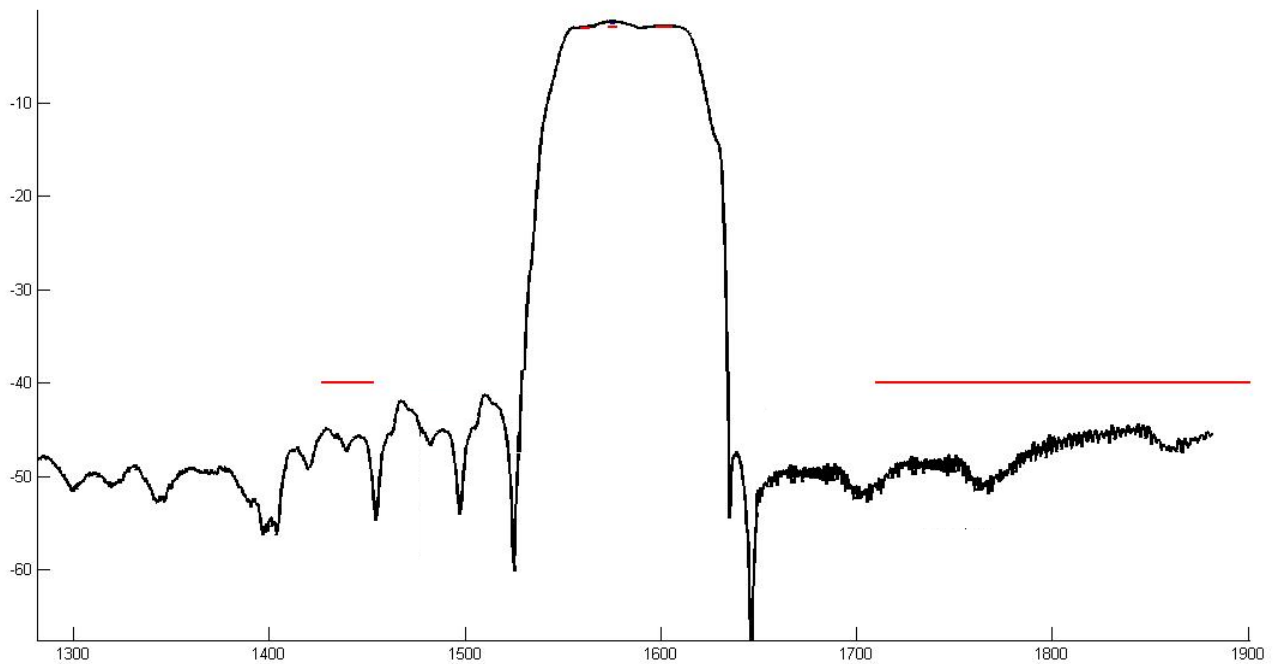
TOP VIEW

BOTTOM VIEW

Pin configuration

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

**Frequency Characteristics**



**Environmental**

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



**APPROVAL**

DRAWN BY	LP, June 14, 2016
APPROVED BY	CP, June 14, 2016
REVISION	A, Initial Release
	B, AR, February 15, 2019 Updated the Dimension.