

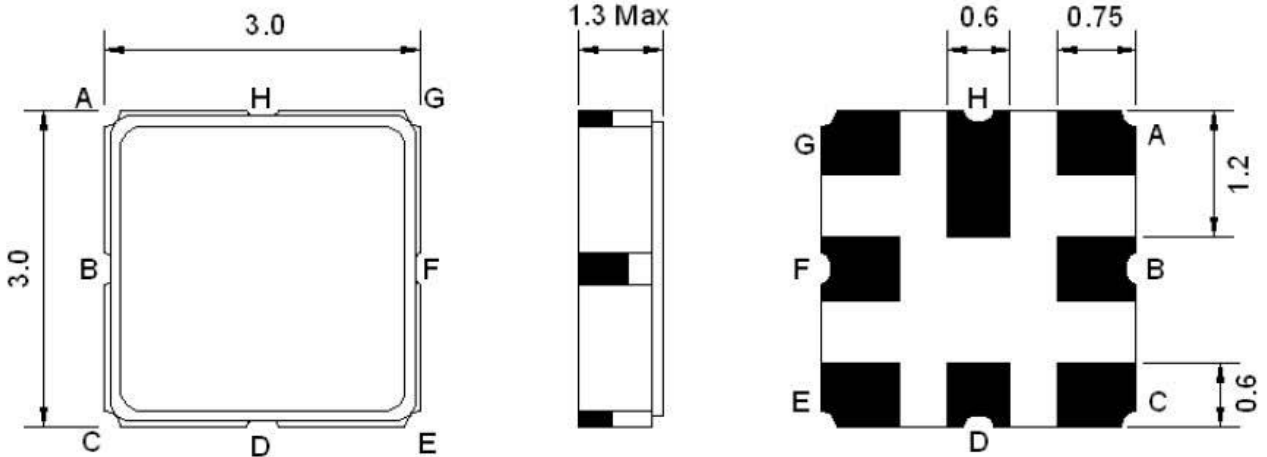


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	1542	-
Insertion Loss within 1525 ~ 1559 MHz	dB	-	3.0	4.35`
Amplitude Ripple within 1525 ~ 1559 MHz	dB <sub>p-p</sub>	-	0.6	1.5
VSWR within 1525 ~ 1559 MHz	-	-	1.7	2.2
<b>Attenuation:</b>				
DC ~ 1000 MHz	dB	50	60	-
1000 ~ 1480 MHz	dB	37	50	-
1480 ~ 1490 MHz	dB	20	42	-
1575 MHz	dB	2	10	-
1600 ~ 1650 MHz	dB	20	30	-
1650 ~ 1785 MHz	dB	35	43	-
1785 ~ 2200 MHz	dB	33	50	-
2200 ~ 2500 MHz	dB	28	45	-
2500 ~ 4000 MHz	dB	20	30	-

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-40	-	+85
Maximum Input Power	dBm	-	-	15
Source Impedance (Single Ended) <sub>1</sub>	Ω	-	50	-
Load Impedance (Balanced Ended) <sub>1</sub>	Ω	-	50	-
Package Size and Type	3.0 x 3.0 x 1.3 mm		M1	



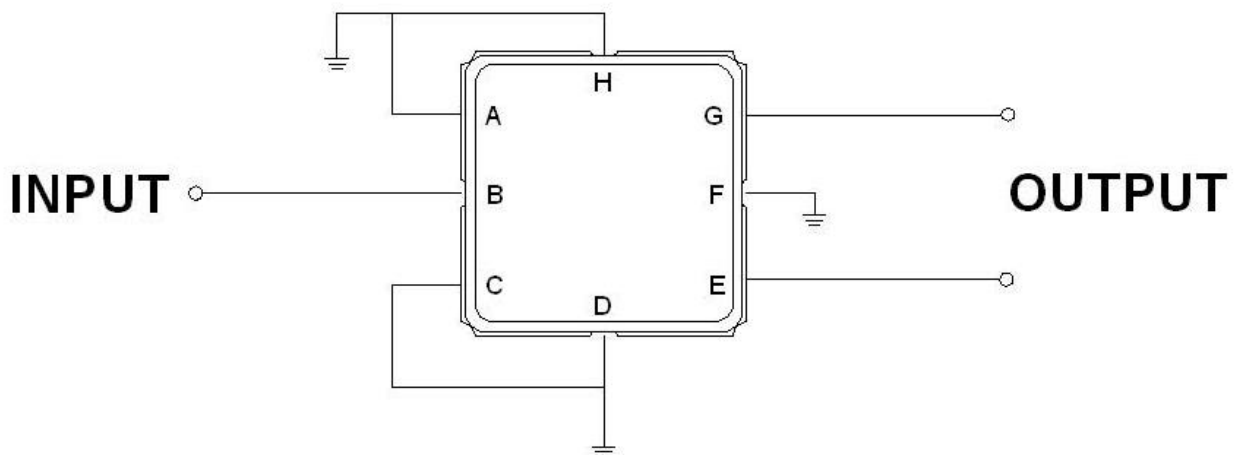
### Outline Drawing:



### Pin Description:

Ground – A C D F H  
 Input – B  
 Output – E G

### Testing Environment:



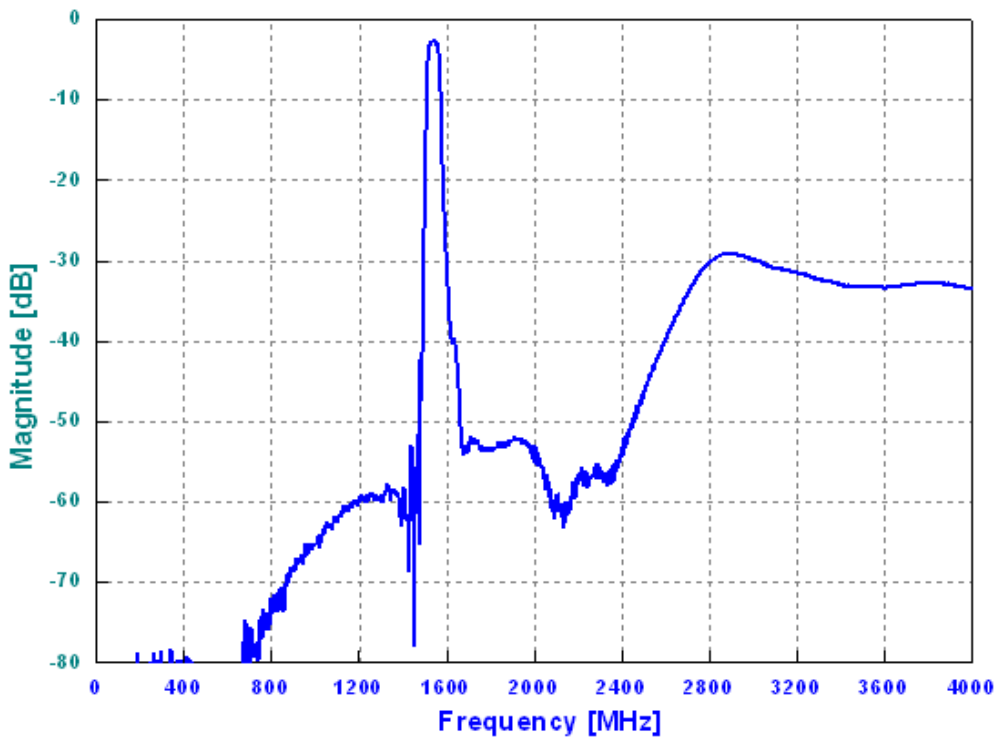
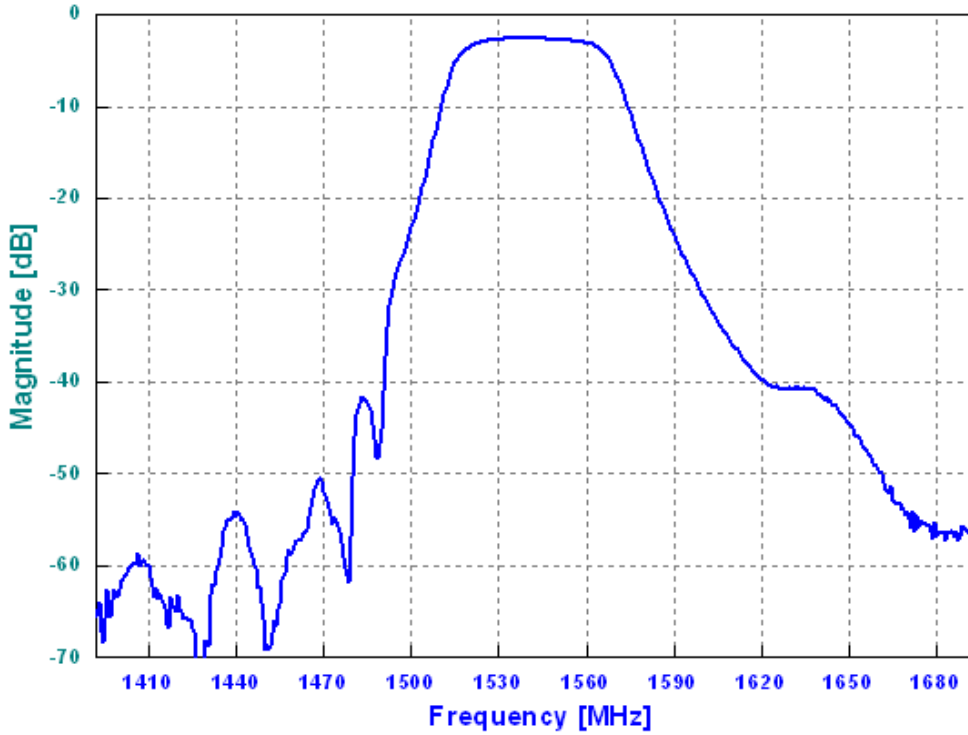
Source/Load Impedance: 50 Ω

### Tolerances:

2 decimal places: +/-0.01 inches [ +/- 0.3mm]  
 3 decimal places: +/- 0.005 inches [ +/- 0.13mm]  
 Angles: +/- 1 Deg.

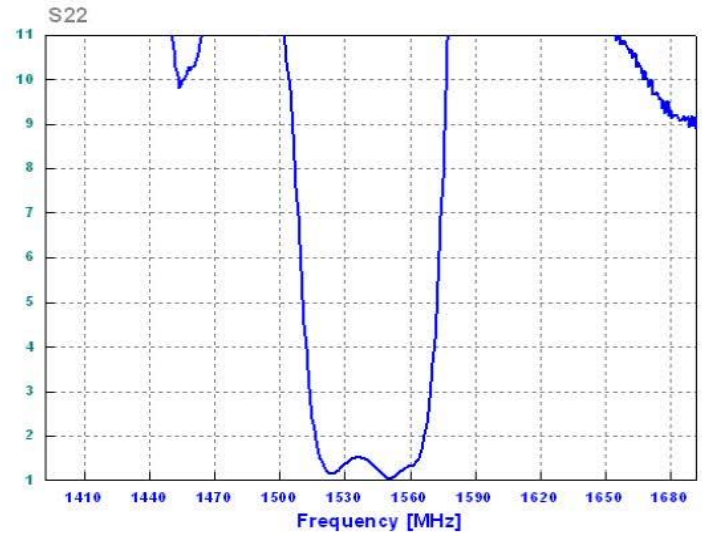
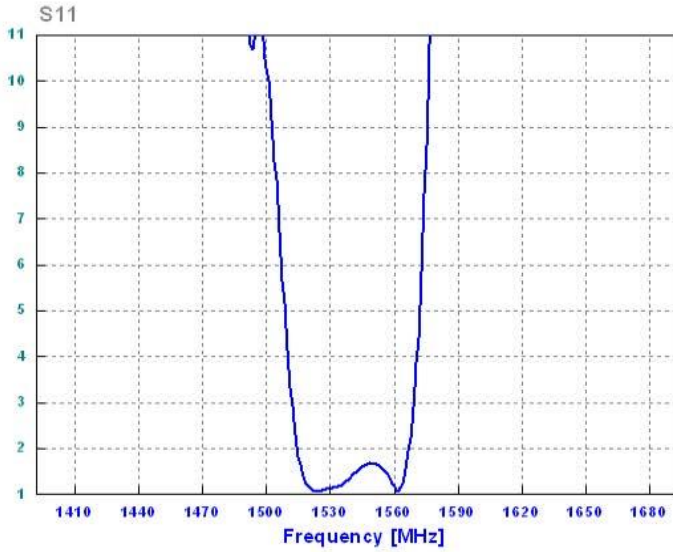


### Response Plot:





### VSWR



### Smith Chart

