

### Features

- Low Insertion Loss
- High Attenuation
- Compact Size
- Surface Mount

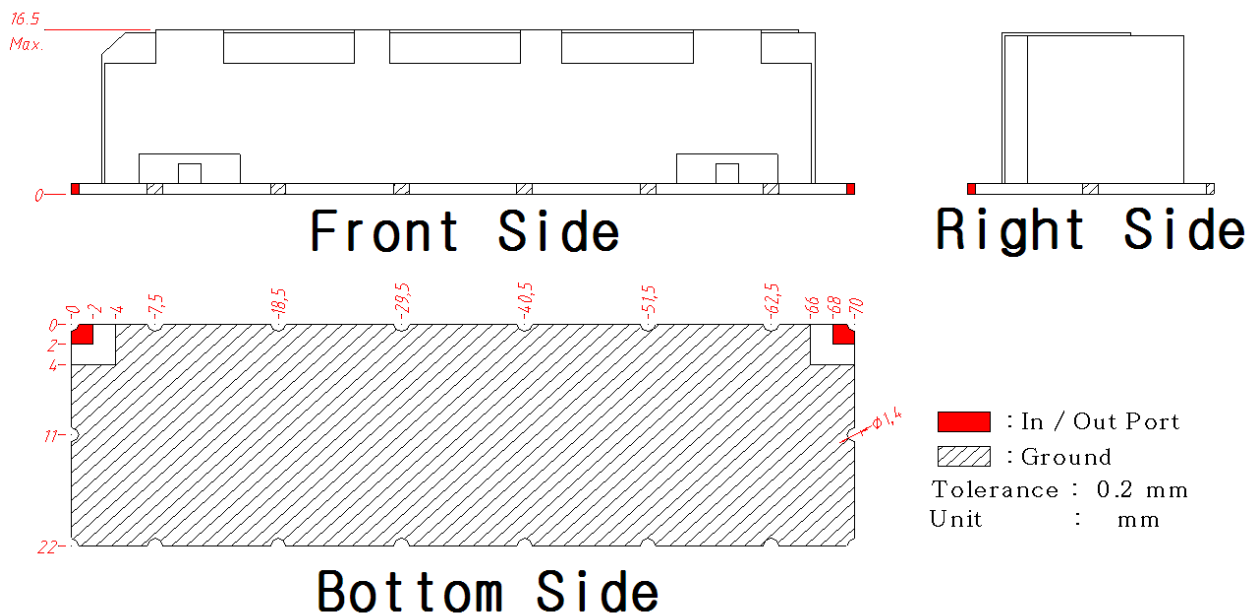
### Descriptions

Surface mount monoblock ceramic bandpass filter.

### Electrical Specifications

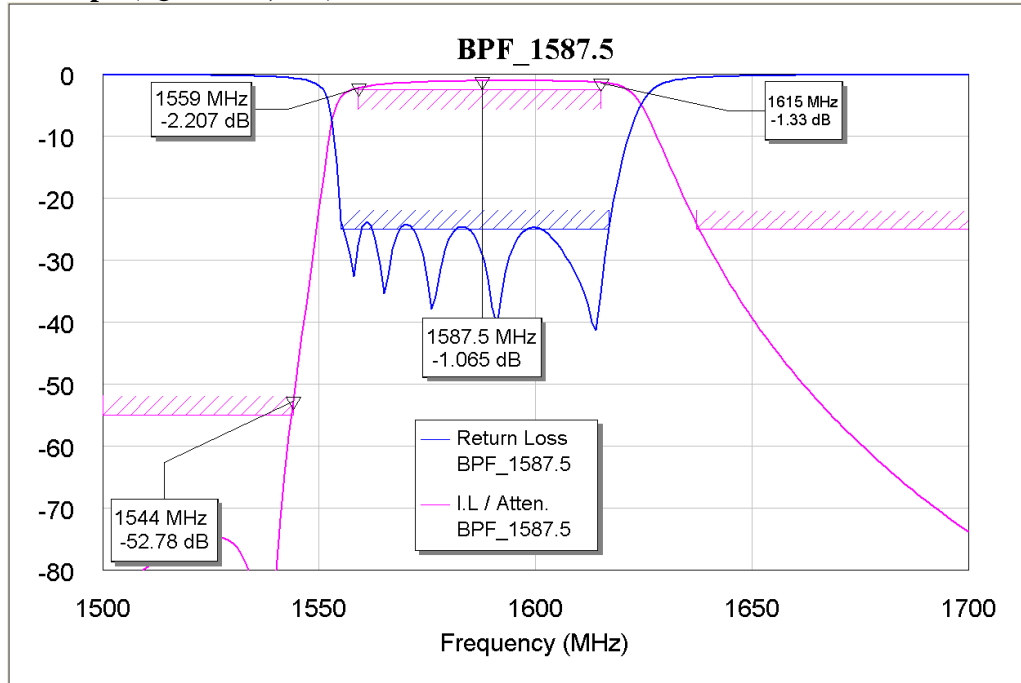
Parameter	Unit	Specification
Center Frequency (Fc)	MHz	1587
Passband Frequency Range	MHz	1559 ~ 1615
Insertion Loss @ Fc	dB	2.7 max / 2.2 typical
Ripple in Passband	dB	2.0 max
Return Loss in Passband	dB	16.0 min
Attenuation	dB	50 min @ 1544 MHz
Operating Input Power	Watts	10 max
IN/OUT Impedance	Ohm	50
Operating Temperature	°C	-40 ~ +85
Dimensions	mm	70 x 22 x 16.5 (L x W x H)
RoHS	-	Yes

### Mechanical Drawing



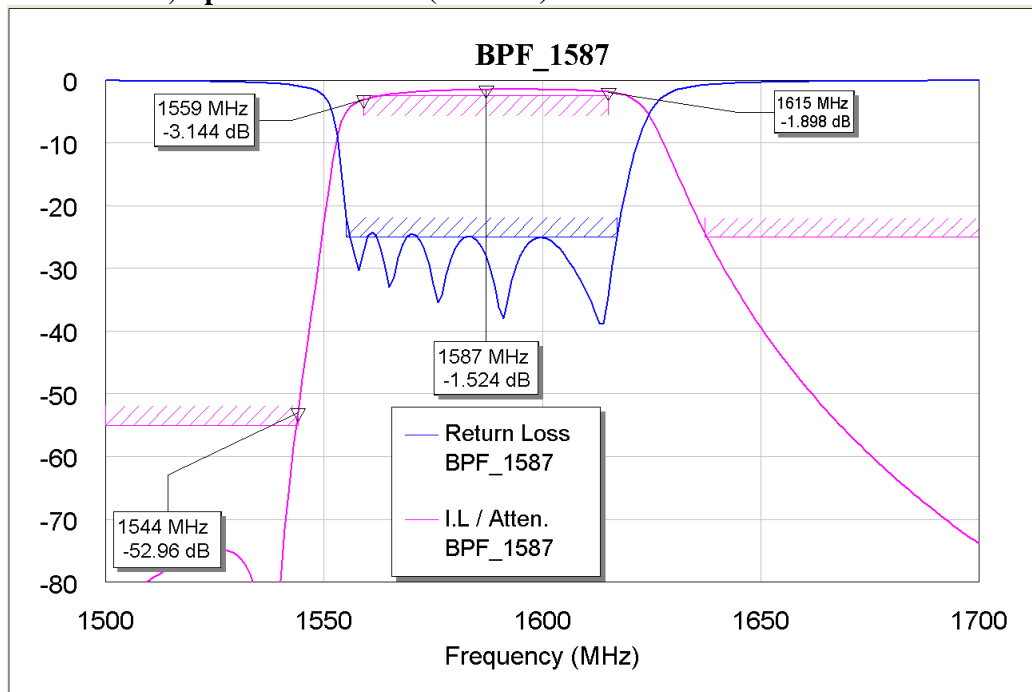
Electrical Response

**Simulation Graph ( Q value:1,000 )**



**Reference Graphs**

Q value: 700 / 8mm, 8 pole = 42 x 15 x 9 (WxDxH)



Q value: 2000 / Cavity Filter

