

Features

- Low Insertion Loss
- High Attenuation
- Interdigital Design
- SMA Connector

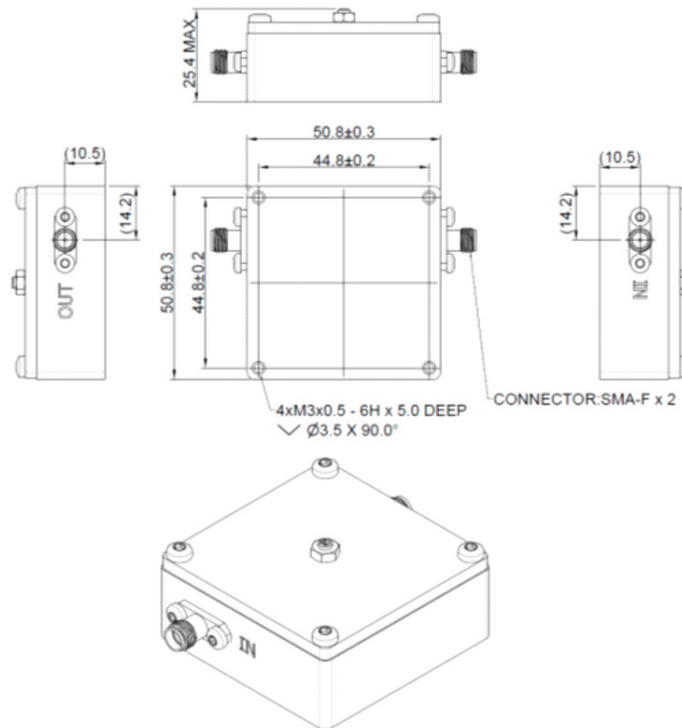
Descriptions

SMA connector cavity bandpass filter developed for S band applications.

Electrical Specifications

Parameter	Unit	Specification
Center Frequency	MHz	3647.5
Passband Frequency Range	MHz	3635 ~ 3660
Insertion Loss in Passband	dB	3.5 max
Ripple in Passband	dB	1.5 max (p-p)
Return Loss (VSWR) in Passband	dB	16 min
Attenuation	dB	35 min @ 3560 ~ 3620MHz
Input Power	Watt	1.0 CW max
In/Out Impedance	Ohm	50
Operating Temperature	°C	-10 ~ +65
Dimensions	mm	50.8 x 50.8 x 25.4 (L x W x H)

Mechanical Drawing



Electrical Response

