

Features

- Low Insertion Loss
- High Attenuation
- Compact Size
- SMA Connector

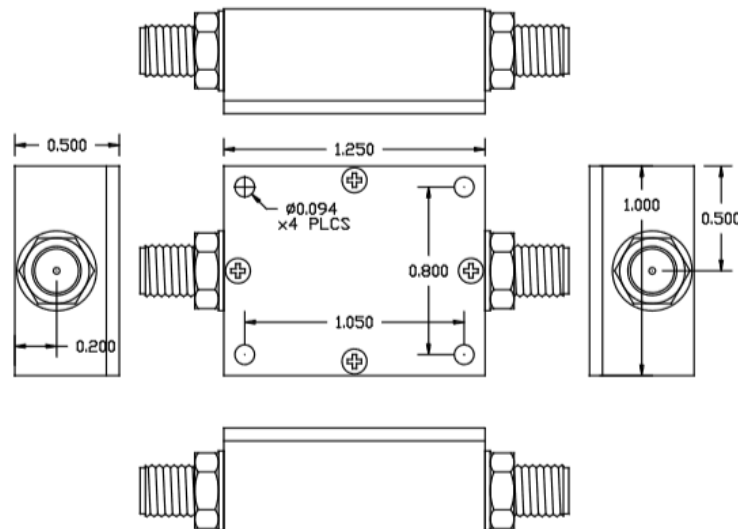
Descriptions

SMA connector mount cavity bandpass filter developed for GPS L1 band applications.

Electrical Specifications

Parameter	Unit	Specification
Center Frequency	MHz	1575.42
Passband Frequency Range	MHz	1570.42 ~ 1580.42
Insertion Loss in Passband	dB	1.2 max
Ripple in Passband	dB	0.5 max
Return Loss (VSWR) in Passband	dB	2:1 max
Attenuation	dBc	30 min @ 1525MHz
		30 min @ 1625MHz
Input Power	mW	100 CW max
In/Out Impedance	Ohm	50
Operating Temperature	°C	-20 ~ +50
Dimensions	inch	1.25 x 1.0 x 0.5 (L x W x H)
Seal Rating	-	IP67

Mechanical Drawing



Electrical Response

