

Features

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

Descriptions

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

Electrical Specifications

Parameter	Unit	Specification
Center Frequency	MHz	1579
Passband Frequency Range	MHz	1545 ~ 1613
Insertion Loss in Passband	dB	1.5 max / 4.5 max
Ripple in Passband	dB	3.5 max (p-p)
Return Loss (VSWR) in Passband	dB	14 min
Attenuation	dB	60 min @ 100 ~ 1526MHz
		50 min @ 1526 ~ 1537MHz
		70 min @ 1625 ~ 1680MHz
		60 min @ 1690 ~ 5000MHz
Group Delay Variation(1559~1610MHz)	ns	30 max
Input Power	Watt	3 CW max
In/Out Impedance	Ohm	50
Operating Temperature	°C	-40 ~ +85
Dimensions	mm	76 x 52 x 26 (L x W x H)

Mechanical Drawing

