

**Features**

- Low Insertion Loss
- High Attenuation
- Low PIM
- SMA Connector

**Descriptions**

SMA connector mount low PIM cavity bandpass filter developed for S band applications.

**Electrical Specifications**

Parameter	Unit	Specification
Center Frequency	MHz	2448
Passband Frequency Range	MHz	2401 ~ 2495
Insertion Loss in Passband	dB	0.5 max
Ripple in Passband	dB	0.4 max
Return Loss (VSWR) in Passband	dB	20 min
Attenuation	dB	100 min @ 5000 ~ 6000MHz
Power Handling	watt	50 CW max
PIM (2 x 24dBm)	dBm	123 min
In/Out Impedance	Ohm	50
Operating Temperature	°C	0 ~ +50
Dimensions	mm	130 x 36 x 37 (L x W x H)
RoHS	-	Yes

**Mechanical Drawing**

