

Features

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

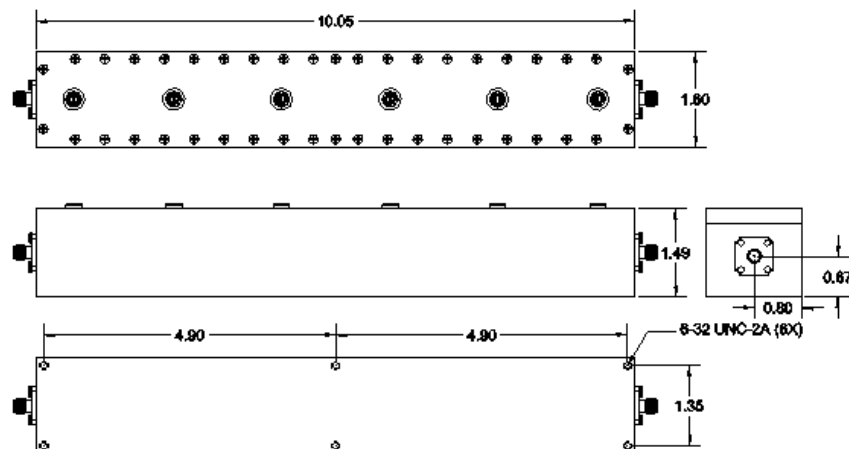
Descriptions

SMA connector combine cavity bandpass filter developed for S-band applications.

Electrical Specifications

Parameter	Unit	Specification
Center Frequency (Fc)	MHz	2208
Passband Frequency Range	MHz	2203.499-2212.501min
Maximum 3.0 dB Passband	MHz	20 max
Insertion Loss in Passband	dB	3.0 max
Ripple in Passband	dB	0.5 max
VSWR in Passband	dB	1.5:1 max
Phase Linearity	Degree	0.5 p-p for any 1.2 MHz BW
Gain Slope	dB	± 0.05 for any 2 MHz BW
Gain Variation	dB	± 0.2 p-p @ 2203.499-2212.501
Attenuation at Reject Band	dB	60 min @ DC-2180 MHz
		60 min @ 2236-4000 MHz
In/Out Impedance	Ohm	50
Input Power	Watts	1.0 min
Operating Temperature	°C	0 to +55
Dimensions	inch	10.05 x 1.6 x 1.49 (L x W x H)

Mechanical Drawing (Preliminary)



Electrical Response

