

Features

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

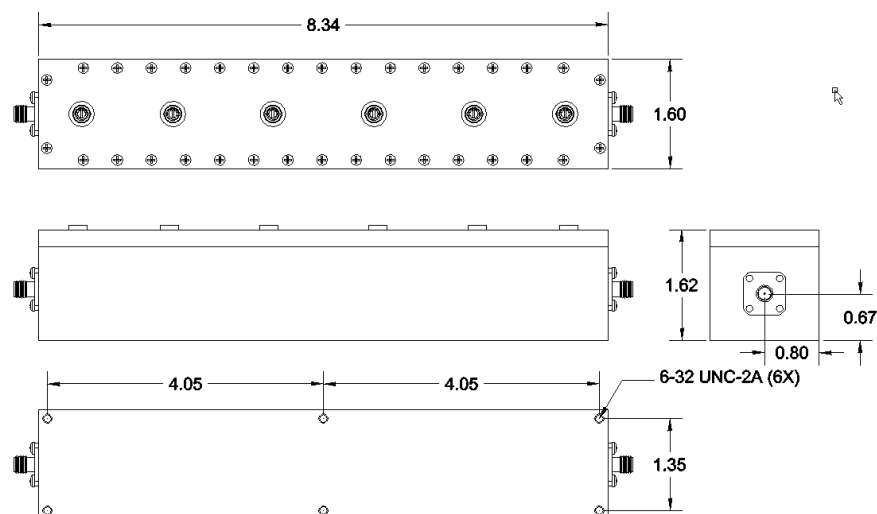
Descriptions

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

Electrical Specifications

Parameter	Unit	Specification
Center Frequency (Fc)	MHz	2033.2
Passband Frequency Range	MHz	2028.7-2037.7
Maximum 3.0 dB Passband	MHz	50
Insertion Loss in Passband	dB	1.5 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 3 MHz BW
Gain Slope	dB	± 0.5 for any 2 MHz BW
Gain Variation	dB	± 0.2 p-p @ Fc ± 13 MHz
Attenuation at Reject Band	dB	60 min @ DC-1973.2 MHz
		60 min @ 2093.2-4000 MHz
In/Out Impedance	Ohm	50
Input Power	Watts	1.0 Min
Operating Temperature	°C	0 to +55
Dimensions	inch	8.34 X 1.6 X 1.62 (L x W x H)

Mechanical Drawing (Preliminary)



Electrical Response

