

### Features

- Low Insertion Loss
- High Attenuation
- SMA Connector

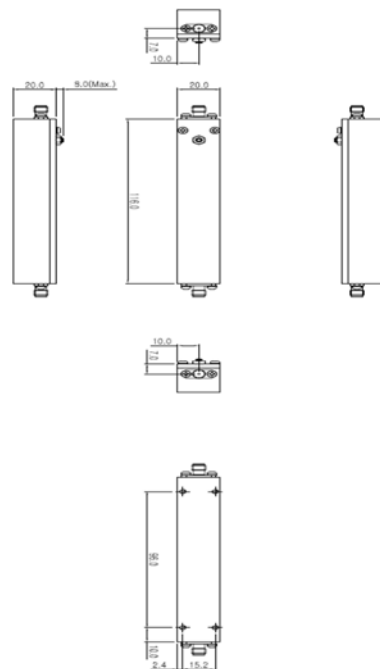
### Descriptions

SMA connector cavity bandpass filter developed for S band applications.

### Electrical Specifications

Parameter	Unit	Specification
Center Frequency	MHz	2250
Passband Frequency Range	MHz	2200 ~ 2300
Insertion Loss in Passband	dB	1.0 max
Ripple in Passband	dB	0.3 max
Return Loss (VSWR) in Passband	dB	17.7 min (1.3:1)
Attenuation	dB	30 min @ 2160
		60 min @ DC ~ 2081.25 MHz
		60 min @ 2403 ~ 4000 MHz
Input Power	Watt	10 CW max
In/Out Impedance	Ohm	50
Operating Temperature	°C	-10 ~ +50
Dimensions	mm	116 x 20 x 20 (L x W x H)

### Mechanical Drawings



### Simulation Response

