

Features

- Low Insertion Loss
- High Attenuation
- Compact Size
- SMA Connector Mount

Descriptions

SMA connector mount cavity bandpass filter developed for VHF band applications.

Electrical Specifications

Parameter	Unit	Specification
Center Frequency (Fc)	MHz	70
1dB Passband	MHz	$F_c \pm 0.6\text{MHz}$ (69.4 ~ 70.6MHz)
Insertion Loss @Fc	dB	3.0 max
Passband Return Loss	dB	20.0 dB min
Rejection bands	dBc	50 min @ $F_c \pm 3\text{MHz}$
		70 min @ $F_c \pm 50\text{MHz}$
In / Out Impedance	Ohms	50
Power Handling	watt	2 CW max
In/Out Connector	-	SMA (F)
Dimensions	Inch	9.0x6.0x4.5 (L x W x H)

Simulation Plots

