

Features

- Compact Size
- Optimum Phase Linearity
- SMA Connector
- Suspended Microstrip Line Filter

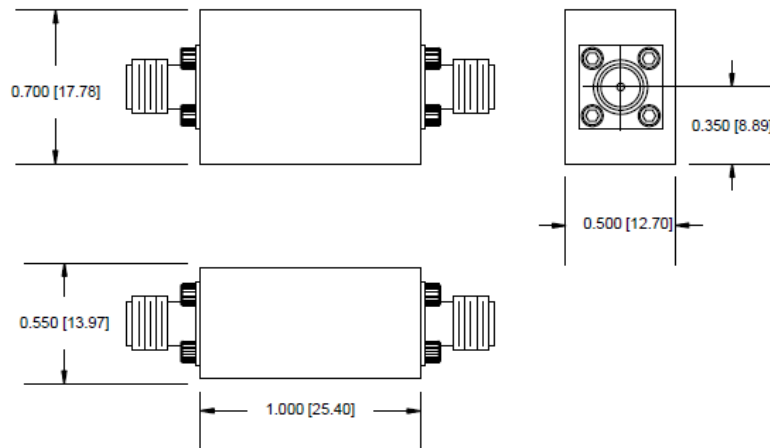
Descriptions

SMA connector suspended microstrip line lowpass filter developed for XXX applications.

Electrical Specifications

Parameter	Unit	Specification
3 dB Cutoff Frequency Fc	MHz	11000
Insertion Loss	dB	1.0 max @ DC ~ 10000MHz
Ripple	dB	± 0.2 @ 9.4 ~ 10GHz over any 10 MHz
Return Loss (VSWR)	dB	1.7:1 min
Phase Linearity	Radian	±1.0 max @ 9.4 ~ 10 GHz over any 10 MHz
Attenuation	dB	55 min @ 12.7 ~ 17.5GHz
IN/OUT Impedance	Ω	50
Dimensions	inch	1.0 L x 0.7 W x 0.5H

Mechanical Drawing



Electrical Response

