

Features

- Compact Size
- Low Insertion Loss
- Optimum Phase Linearity
- RF Pin Surface Mount

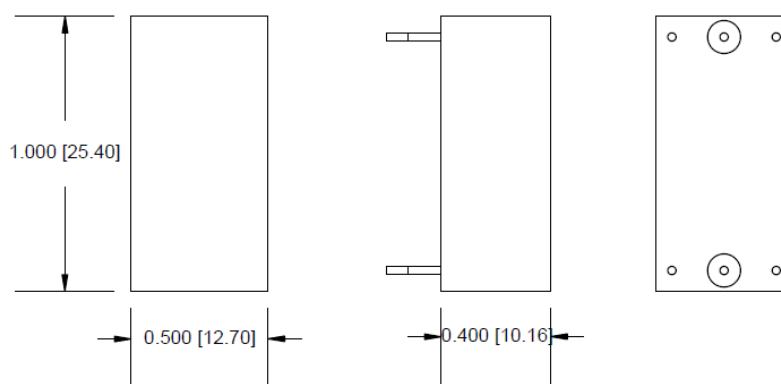
Descriptions

RF pin through-hole mount LC bandpass filter developed for UHF band applications.

Electrical Specifications

Parameter	Unit	Specification
Center Frequency Fc	MHz	560
3 dB Band Width	MHz	8.0 (556~564)
0.5 dB Band Width	MHz	4.0 (558~562)
Insertion Loss @ Fc	dB	9.5 max
Return Loss (VSWR)	dB	1.5:1
Phase Linearity	Radian	2.0 max @ 556 ~ 564MHz
		1.0 max @ 558 ~ 562MHz
Attenuation	dB	10 min @ 545 & 580MHz
		20 min @ 540 & 590MHz
		30 min @ 530 & 600MHz
		40 min @ 520 & 625MHz
		60 min @ 500 & 650MHz
Power Handling	Watt	1 average
IN/OUT Impedance	Ω	50
Operating Temp. Range	$^{\circ}\text{C}$	-55 ~ +85
Humidity	%	95
Dimensions	inch	1.0 L x 0.5 W x 0.4H

Mechanical Drawing



Electrical Response

