

Features

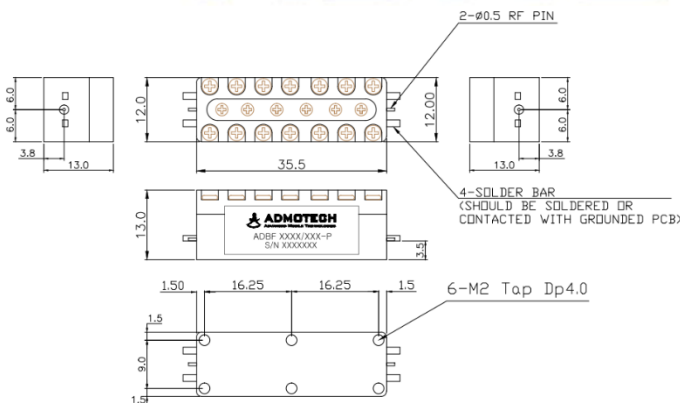
- Pin Type Cavity Band Pass Filter
- Very compact size and low weight
- Impedance matching between microstrip line and cavity guide pin with direct soldering
- Typical 1.1 dB Insertion Loss



Specifications

Parameter	Specifications	Remarks
Frequency Range	9.3 ~ 9.9 GHz	BW : 600 MHz
Center Frequency	9.6 GHz	
Insertion Loss (Max.)	1.3 dB	
Pass Band Ripple (Max.)	0.5 dB	
VSWR (Max.)	1.4 : 1	
Rejection (Min.)	30 dB @ 8.9 GHz	
	30 dB @ 10.3 GHz	
Group Delay (Max.)	2.5 ns	
In/ Out Impedance	50 Ω	
Handling Power (Max.)	CW 1 W	
Operating Temperature	-30 °C ~ +80 °C	
Dimensions	12.0 * 35.5 * 13.0 mm	Exclude Connectors
Connector	Drop in Pin-type	

Outline drawing



Units : mm, Tolerance : +/- 0.2 mm

Typical Response

