

Features

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

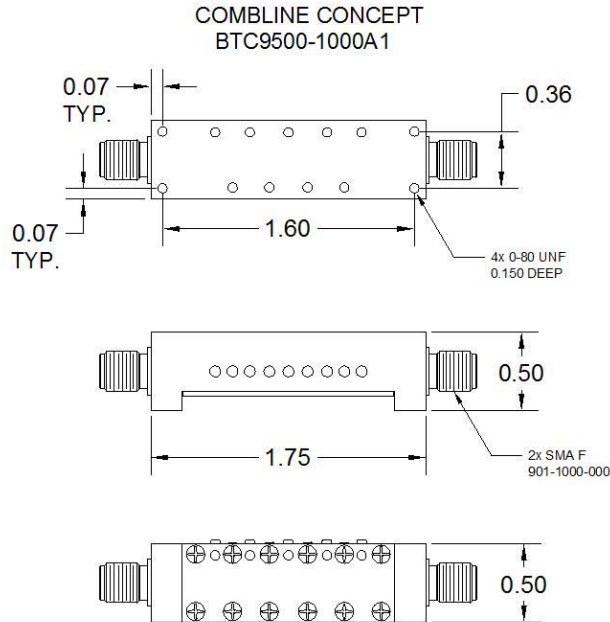
Descriptions

SMA connector cavity bandpass filter developed for X band applications.

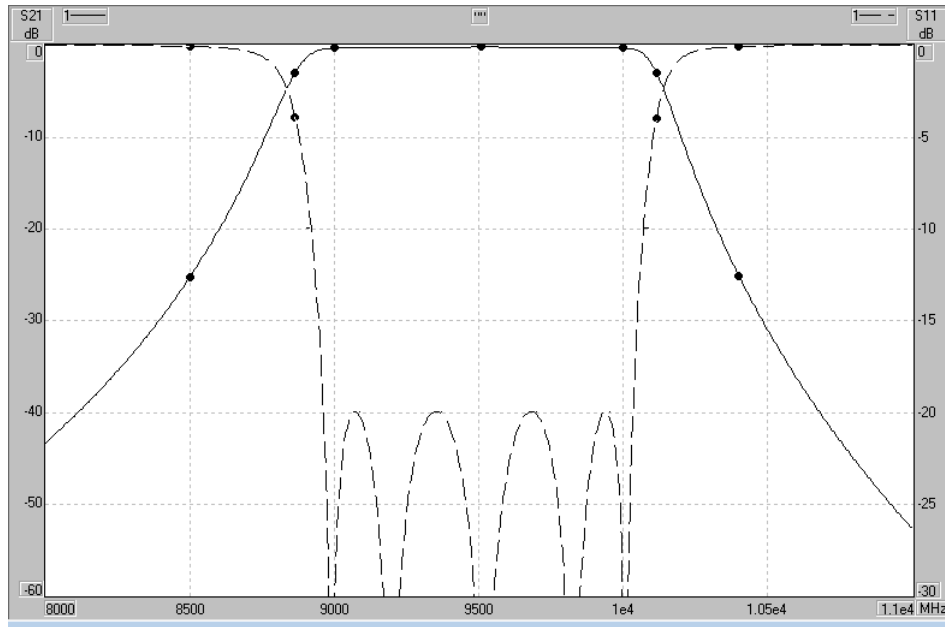
Electrical Specifications

Parameter	Unit	Specification
Center Frequency	MHz	9500
Passband Frequency Range	MHz	9000 ~ 10000
Insertion Loss in Passband	dB	1.0 max
Return Loss (VSWR) in Passband	dB	15.0 min
Attenuation	dB	20 min @ 8500MHz
		20 min @ 10400MHz
Input Power	Watt	1 CW max
In/Out Impedance	Ohm	50
Operating Temperature	°C	0 ~ +50
Connectors	-	SMA-Female @ All Ports
Dimensions (max)	inch	1.75 x 0.5 x 0.5 (L x W x H)

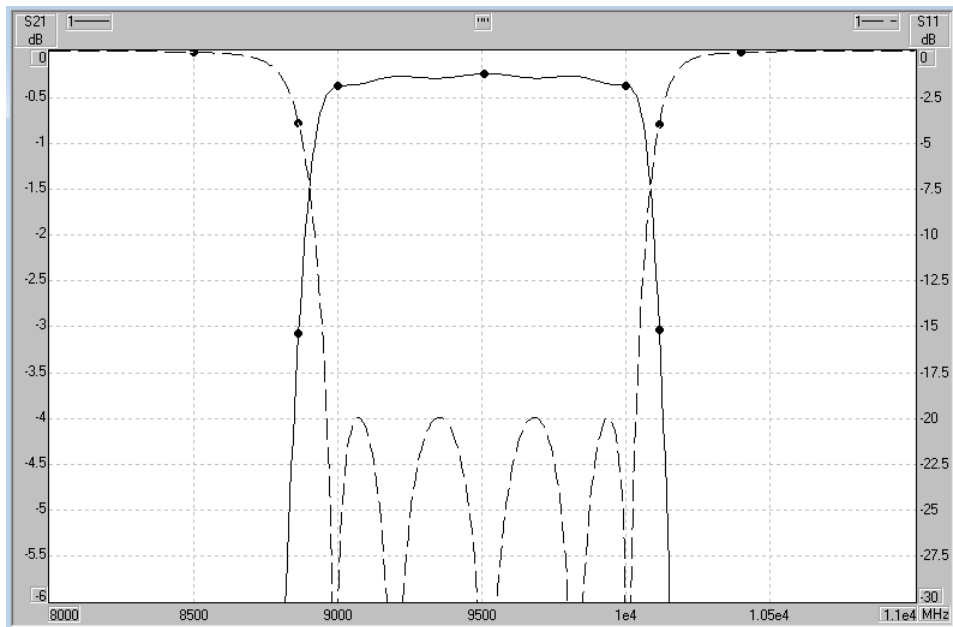
Mechanical Drawing



Electrical Performance



Filter Response



Passband