

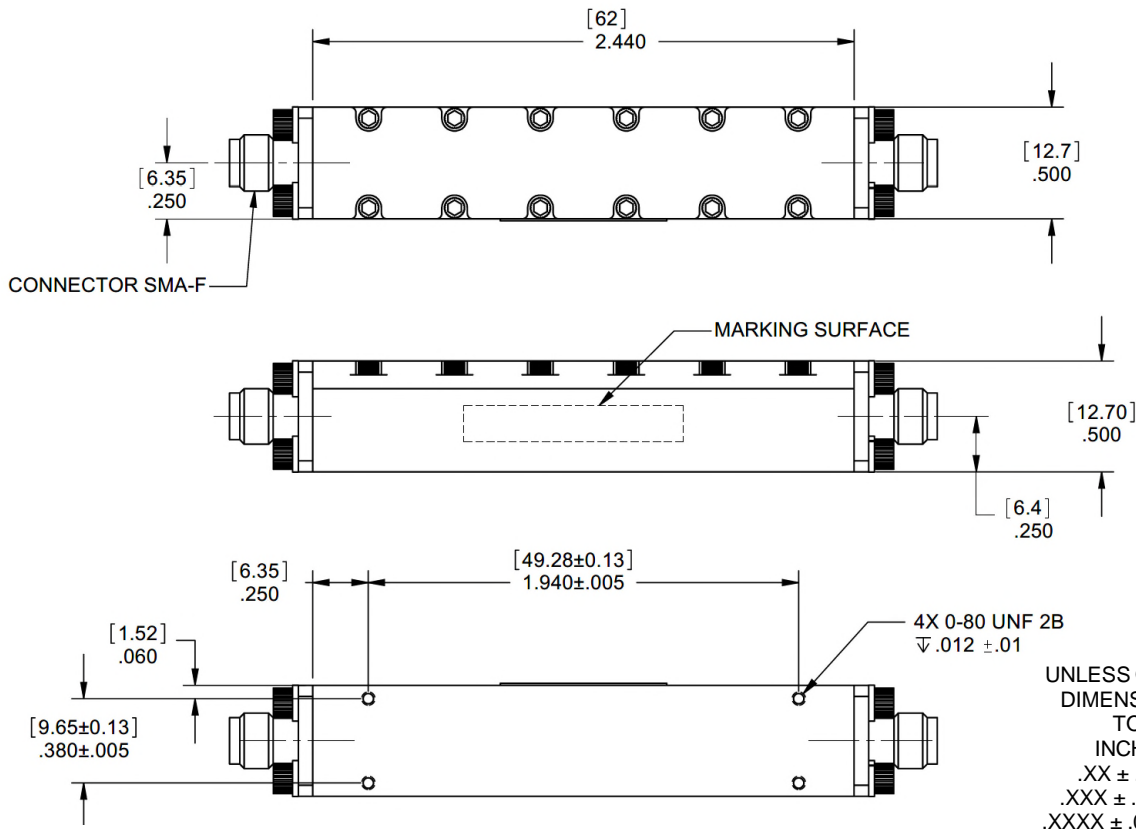
Cavity Bandpass Filter

Features/Benefits

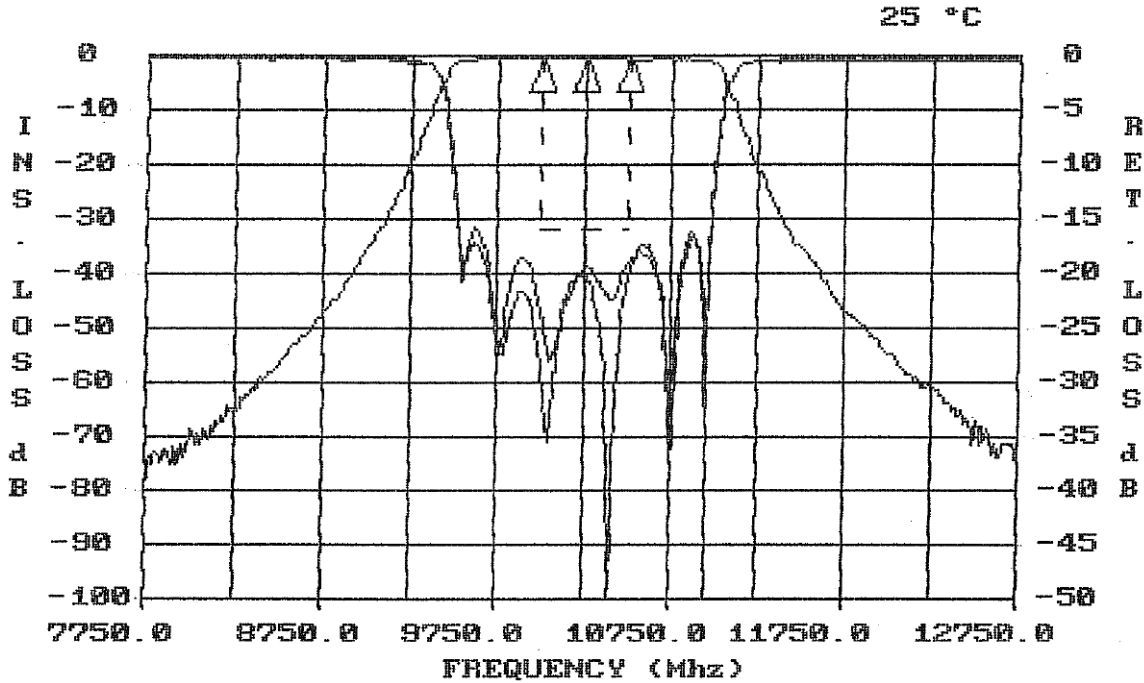
- Cavity Filter
- SMA-Female Connectors
- Made in U.S.A.



Parameter	Specification
Center Frequency (Fo)	10250 MHz
Passband	-0.75 dBc max from 10000 MHz to 10500 MHz
Return Loss	-16 dB min from 10000 MHz to 10500 MHz
Insertion Loss	-1.7 dBa max @ 10250 MHz
Rejection	-25 dBc min @ 9750 MHz -25 dBc min @ 10750 MHz
Temperature, Operating	-20°C to +60°C
Temperature, Storage	-55°C to +125°C
Mechanical Dimensions	2.440 x 0.500 x 0.500 inches [62.00 x 12.70 x 12.70 mm] (L X W X H)



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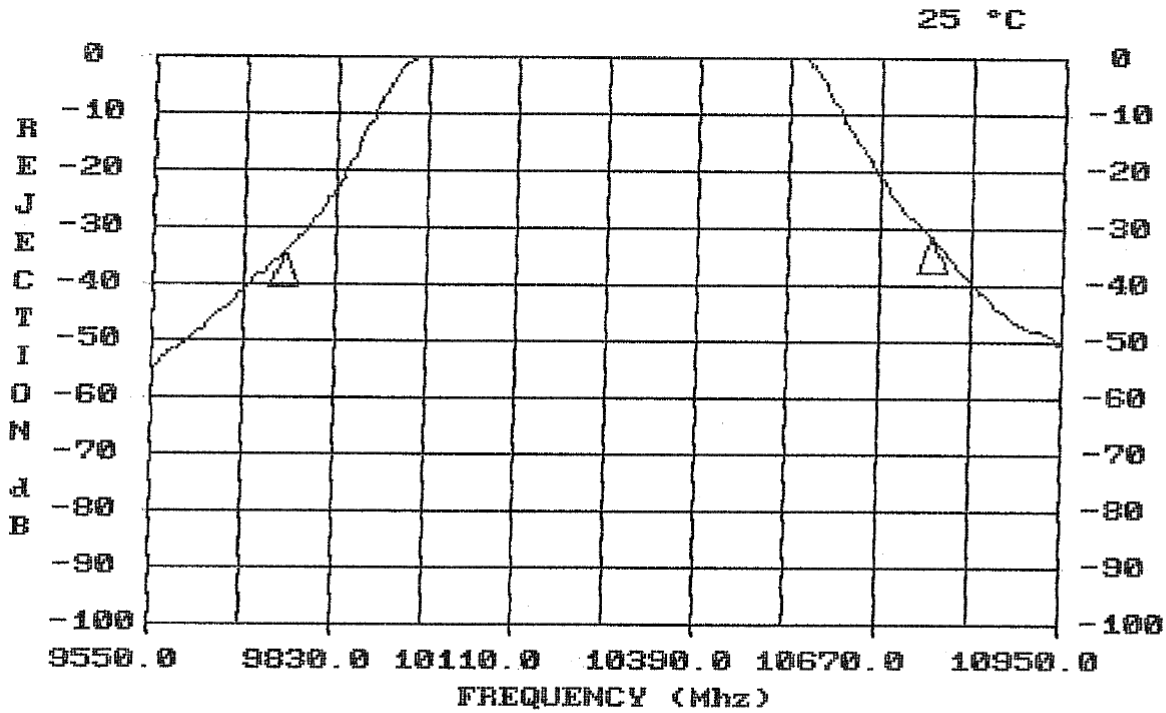


FREQUENCY (MHZ)	VALUE	SPEC	COMMENTS
10250	-488 dbA	-1.7 dbA MAX	
10000 - 10500	-175 dbC	-1.75 dbC MAX	

VALUE	SPEC	COMMENTS
1588. MHZ	500 MHZ MIN	-3dbC Width
10239.7MHZ	10000 MIN	Center Freq.
10239.7MHZ	10500 MAX	Center Freq.

FREQUENCY (MHZ)	VALUE	SPEC	COMMENTS
10000 - 10500	-18.9	-16 db MIN	(S11) - VSWR
10000 - 10500	-20.0	-16 db MIN	(S22) - VSWR

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FREQUENCY (MHZ)	VALUE	SPEC	COMMENTS
9750	-34.1 dB	-25 dB MIN	
10750	-30.6 dB	-20 dB MIN	

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