

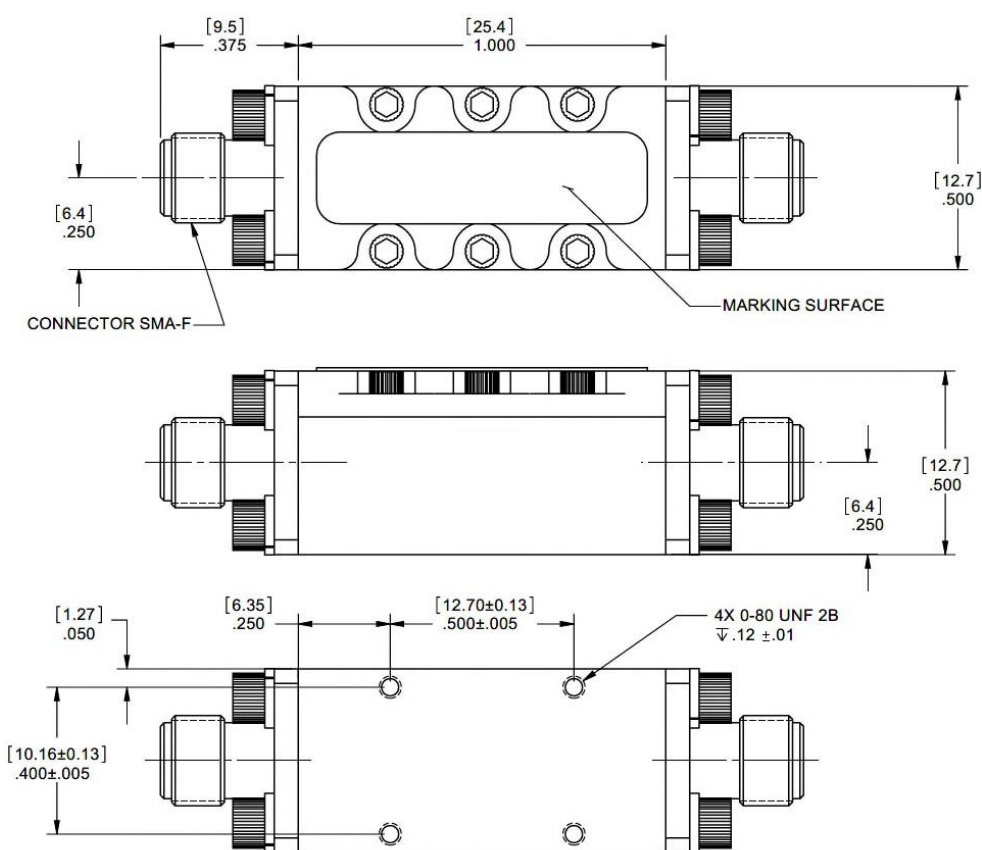
Cavity Bandpass Filter

Features/Benefits

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



Parameter	Specification
Center Frequency (F ₀)	18700 MHz
Passband	-3 dBc max from 18450 MHz to 18950 MHz
Return Loss	-14 dB min from 18450 MHz to 18950 MHz
Insertion Loss	-1 dBa max @ 18700 MHz
Rejection	-40 dBc min @ 13700 MHz
Temperature, Operating	-45°C to +70°C
Temperature, Storage	-55°C to +125°C
Mechanical Dimensions	1.000 x 0.500 x 0.500 inches [25.4 x 12.7 x 12.7 mm] (L X W X H)



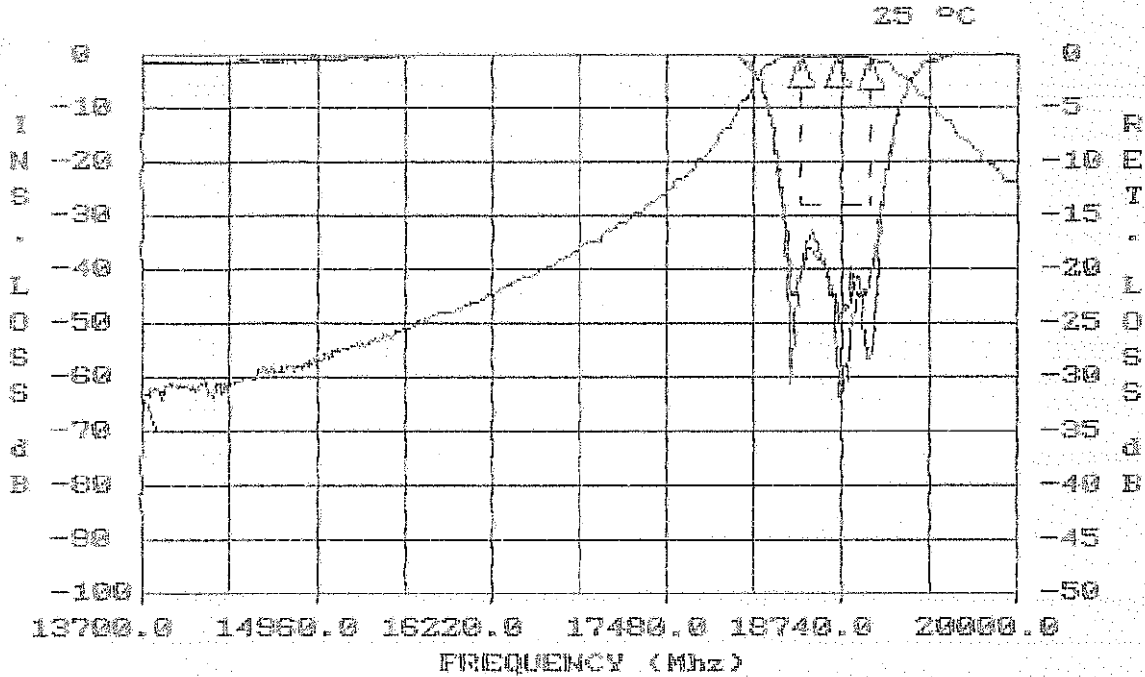
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:

INCHES	MILLIMETERS
.XX ± .02	[X.X] ± .5
.XXX ± .010	[X.XX] ± .25
.XXXX ± .0020	[X.XXX] ± .051

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FREQUENCY (MHZ)	VALUE	SPEC	COMMENTS
18700	-1.302 dbA	-1 dbA MAX	
13700	-63.5 dbC	-40 dbC MIN	
18450 - 18950	-16.3 dbC	-3 dbC MAX	
	VALUE	SPEC	COMMENTS
	968.3 MHZ	500 MHZ MIN	-3dbC Width
	18651.5MHZ	17700 MIN	Center Freq.
	18651.5MHZ	19700 MAX	Center Freq.
FREQUENCY (MHZ)	VALUE	SPEC	COMMENTS
18450 - 18950	-16.3	-14 db MIN	(S11) - VSWR
18450 - 18950	-18.0	-14 db MIN	(S22) - VSWR

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