

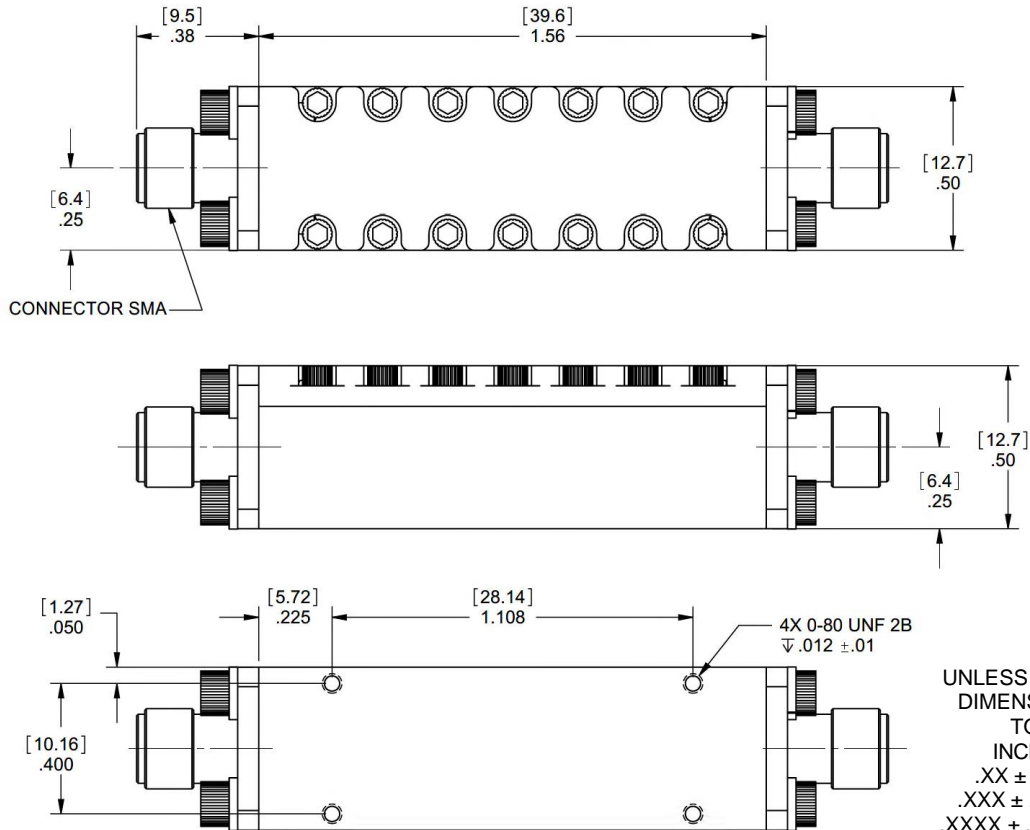
Cavity Bandpass Filter

Features/Benefits

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



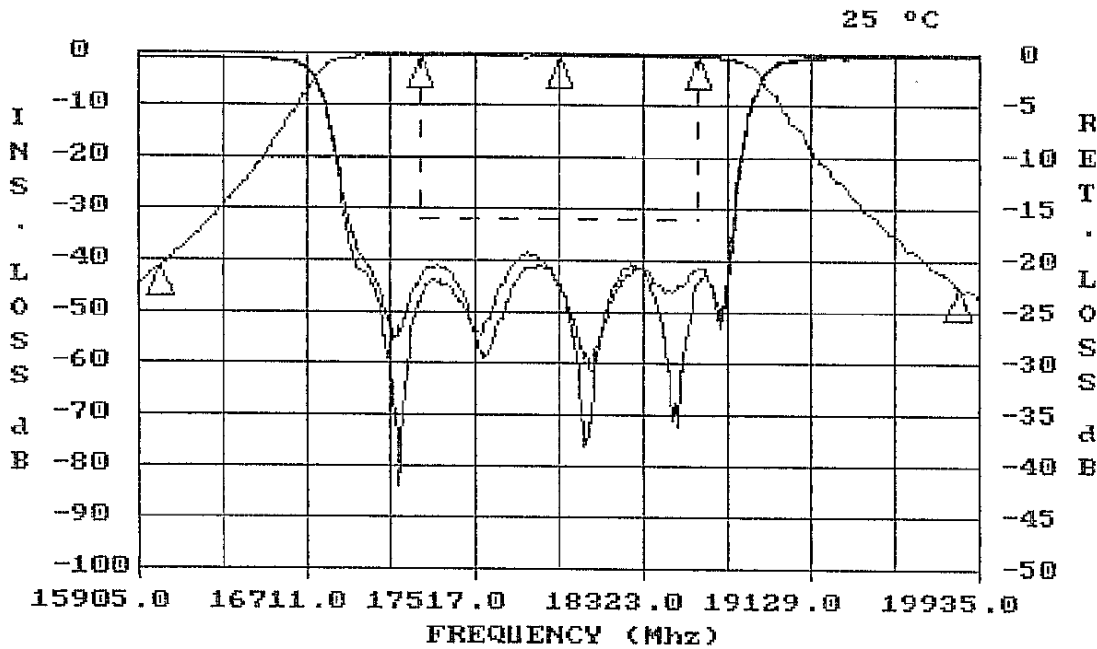
Parameter	Specification
Center Frequency (Fo)	17920 MHz
Passband	-0.3 dBc max from 17255 MHz to 18585 MHz
Return Loss	-16 dB min from 17255 MHz to 18585 MHz
Insertion Loss	-1 dBa max @ 17920 MHz
Rejection	-35 dBc min @ 16005 MHz -35 dBc min @ 19835 MHz
Linear Phase Deviation	0.1° max over any 10 MHz from 17255 MHz to 18585 MHz
Temperature, Operating	-20°C to +70°C
Temperature, Storage	-55°C to +125°C
Mechanical Dimensions	1.56 x 0.50 x 0.50 inches [39.6 x 12.7 x 12.7 mm] (L X W X H)



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FREQUENCY (MHZ)	VALUE	SPEC	COMMENTS
17920	-.57 dbA	-1 dbA MAX	
16005	-40.6 dbC	-35 dbC MIN	
19835	-44.7 dbC	-35 dbC MIN	
17255 - 18585	-.168 dbC	-.3 dbC MAX	

FREQUENCY (MHZ)	VALUE	SPEC	COMMENTS
NO MORE THAN .1 DEGREES DEVIATION OVER ANY 10 MHz FROM 17255- 18585 MHz			
WORSTCASE FROM 17255- 18585 MHz IS 8.88489 DEG			
WORSTCASE OVER FIRST 10 MHz IS .00018 DEG			
WORSTCASE OVER LAST 10 MHz IS .00024 DEG			

FREQUENCY (MHZ)	VALUE	SPEC	COMMENTS
17255 - 18585	-20.4	-16 db MIN	(S11) - VSWR
17255 - 18585	-19.4	-16 db MIN	(S22) - VSWR

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