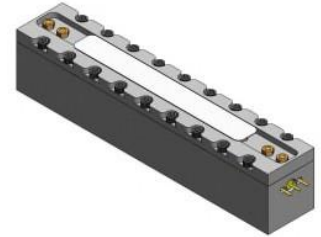


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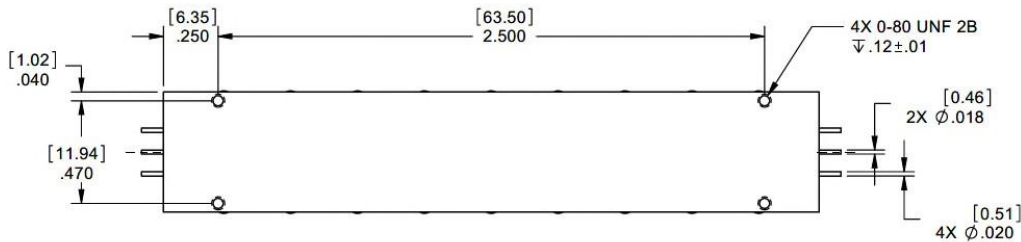
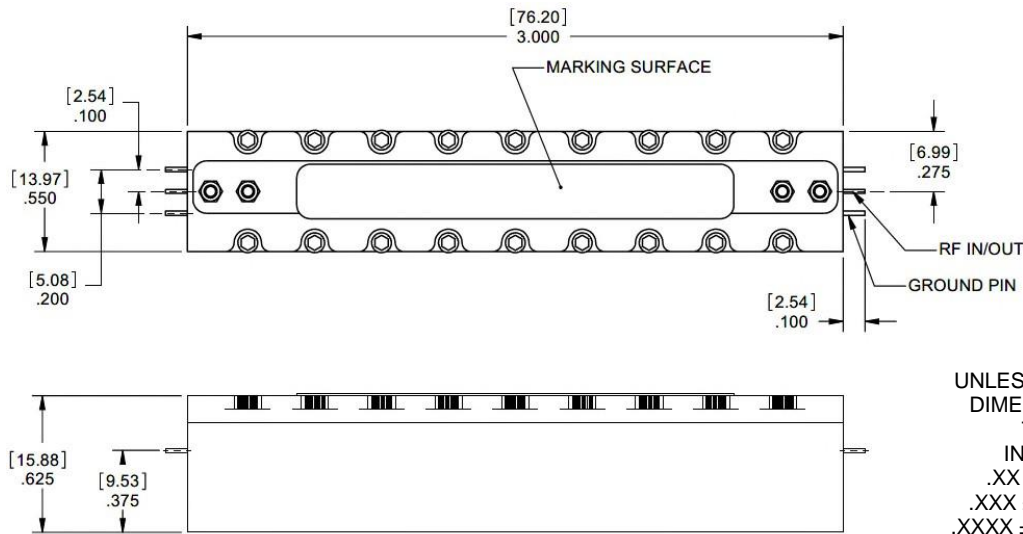
## Cavity Bandpass Filter

### Features/Benefits

- Surface Mount
- Made in U.S.A.



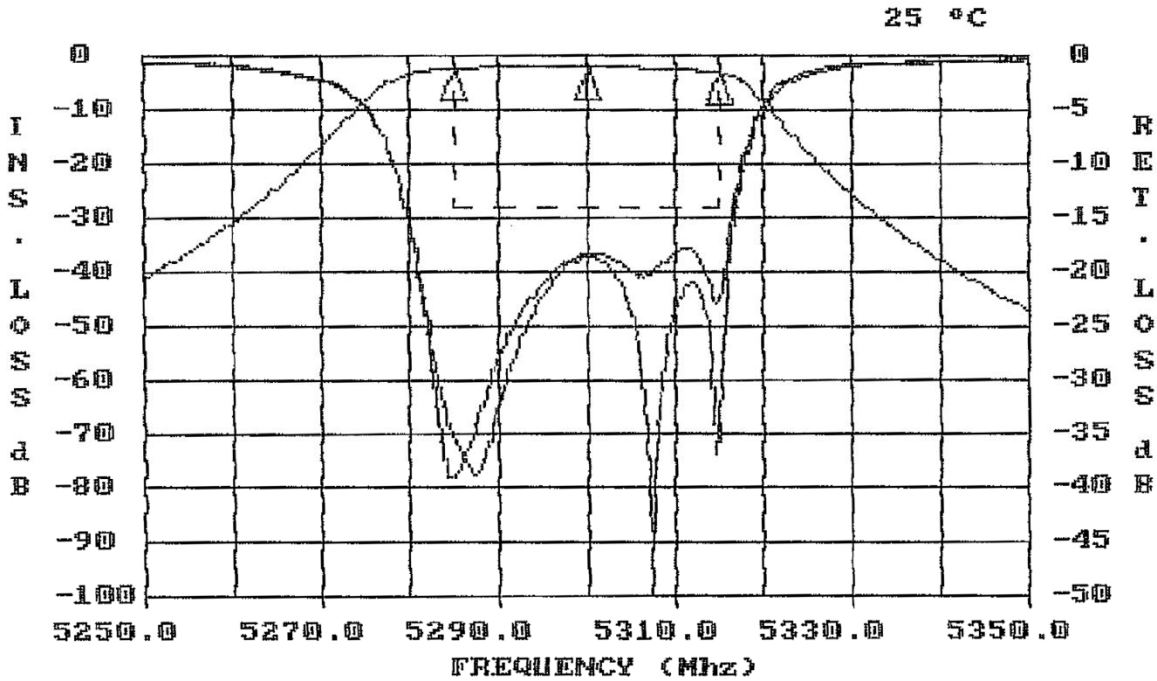
Parameter	Specification
Center Frequency (Fo)	5300 MHz
Passband	-1 dBc max from 5285 MHz to 5315 MHz
Return Loss	-14 dB min from 5285 MHz to 5315 MHz
Insertion Loss	-2.5 dBa max @ 5300 MHz
Rejection	-60 dBc min from 130 MHz to 5180 MHz -65 dBc min from 5450 MHz to 10600 MHz
Temperature, Operating	-40°C to +70°C
Temperature, Storage	-40°C to +70°C
Temperature, Soldering	+215°C MAX (use convective reflow)
Mechanical Dimensions	3.000 x 0.550 x 0.625 inches [76.20 x 13.97 x 15.88 mm] (L X W X H)



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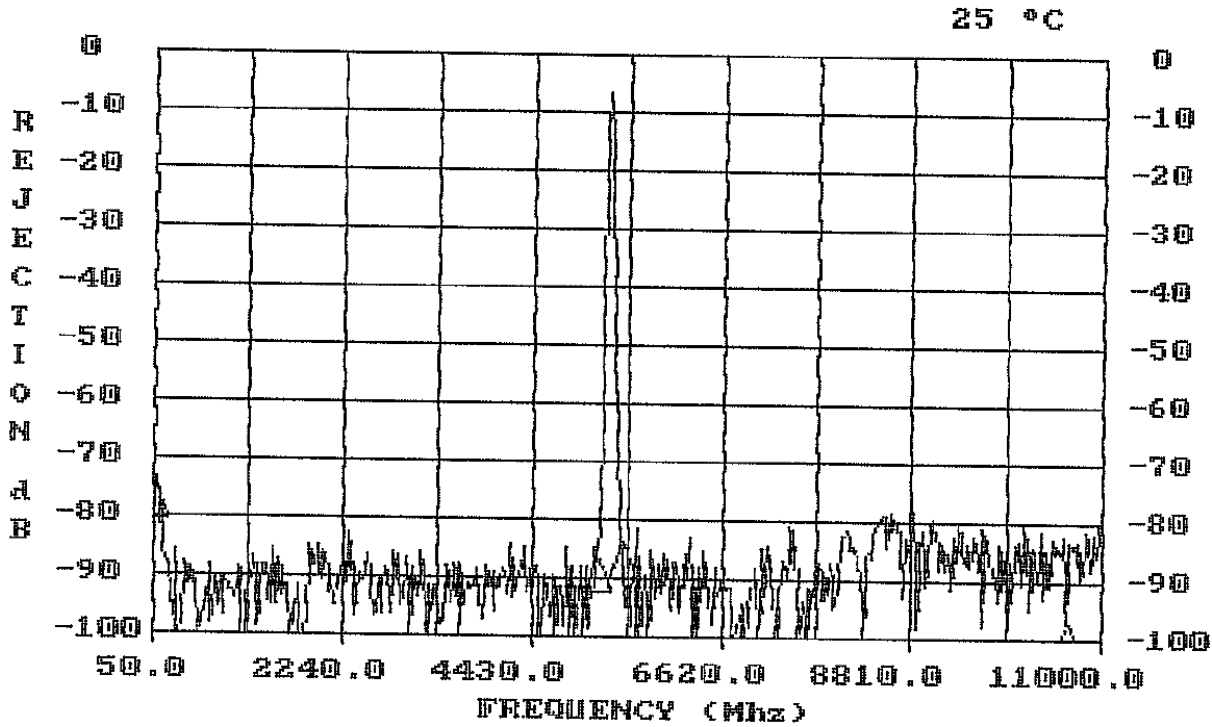
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FREQUENCY (MHZ)	VALUE	SPEC	COMMENTS
5300	-2.21 dbA	-2.5 dbA MAX	
5285 - 5315	-.886 dbC	-1 dbC MAX	
	VALUE	SPEC	COMMENTS
	40.58 MHZ	30 MHZ MIN	-3dbC Width
	5297.71MHZ	5285 MIN	Center Freq.
	5297.71MHZ	5315 MAX	Center Freq.
FREQUENCY (MHZ)	VALUE	SPEC	COMMENTS
5285 - 5315	-18.5	-14 db MIN	(S11) - VSWR
5285 - 5315	-17.8	-14 db MIN	(S22) - VSWR

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FREQUENCY (MHZ)	VALUE	SPEC	COMMENTS
130 - 5180	-71.2 dbC	-60 dbC MIN	
5450 - 10600	-76.0 dbC	-65 dbC MIN	

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