



Model Number X1555

Space Qualified Bandpass Filter

Rev.B
09/10/09



Features:

- Cavity Design
- Low Loss
- Multipaction Tested
- Excellent VSWR

Applications:

- Signal Transmission
- Test Equipment

Package size:

- 1.0 x 1.0 x 6.0"

(Please see outline for exact dimensions)

Specifications: (+25C)

Passband	7100 to 7200 MHz
Insertion Loss	0.4 dB
VSWR	1.1:1
Group Delay Variation	4 nS p-p over any 1 MHz within the passband
Group Delay Flatness	1 nS p-p over any 1 MHz within the passband
Rejection	50 dB from 1 to 5900 MHz
Rejection	70 dB from 8400 to 8500 MHz
Rejection	50 dB from 16,800 to 17,000 MHz
Rejection	50 dB from 25,200 to 25,500 MHz
RF Power Handling	100 Watts at 1 atmosphere
RF Shielding	> 60 dBu v/m
Operating Temperature	-55 to +85 C
Connectors	SMA Female
Finish	Silver

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