

A Series

Surface Mount Bandreject Filter



True surface mounting with a larger size for more complexity

Overview

	Standard Parameters	Special Parameters	Comments
Frequency Range	70 to 1500 MHz	4 to 3500 MHz	
Percentage Bandwidth	1 to 10%	0.5 to 50%	Assumed to be the 3 dB bandwidth
Maximum VSWR	1.5:1	1.2:1	
Average Input Power	1 Watt	Up to 5 Watts	Measured up to 10,000 feet
Maximum Attenuation	Up to 50 dBc	Up to 65 dBc	
Topology	Chebyshev	*Consult Factory	
Nominal Impedance	50 Ohms	**Consult Factory	
Number of Sections	5	8	
Shock	5 G's	Up to 500 G's	See Below
Vibration	5 G's	Up to 500 G's	See Below
Humidity	90%, non-condensing	Up to 100%, non-condensing	See Below
Altitude	Unlimited	Unlimited	See Below
Operating Temperature	0 to +50 °Celsius	-55 to +125 °Celsius	See Below
Storage Temperature	-55 to +85 °Celsius	-65 to +150 °Celsius	See Below
Gross Leak	As required	As required	Additional testing charges will apply
Fine Leak	As required	As required	Additional testing charges will apply
Moisure Resistance	100%	100%	

Other parameters may be specified. Please consult factory for any deviation from standard.

*Other topologies are available upon request or design need. Including, but are not limited to: Gaussian, Butterworth, Bessel, Elliptical, and Pole-placed designs.

**Other impedances can be achieved, but the package is designed as a 50 Ohm unit. Matching to any other impedance will need prior approval and may not be guaranteed.



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