



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

12.975 GHz Cavity Bandpass Filter

Part Number: AE12B9783



Electrical specifications

Center Frequency: 12.975 GHz

3 dB Bandwidth: +/- 275 MHz min.

Input / Output Impedance: 50 Ohms

Passband Insertion Loss: <2 dB

Passband Ripple: <0.2 dB

Passband Return Loss: >12 dB

Rejection: >50 dB @ 0-12.40 GHz

Rejection 2: >50 dB @ 13.60-20 GHz

Power Handling:

Mechanical

Mounting Method: Threaded Mounting Holes

Connector Type:

Dimensions: 4" x .625" x .500"

Environmental

Operating Temperature: -40 to +85 deg.C

Storage Temperature: -55 to +95 deg.C

Shock: 20 G. 11ms

Vibration: 20 G. 5 to 200 MHz

Outline Drawing:

