ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

12.975 GHz Cavity Bandpass Filter

Part Number: AE12B9783

ISO 9001 REGISTERED FIRM

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:

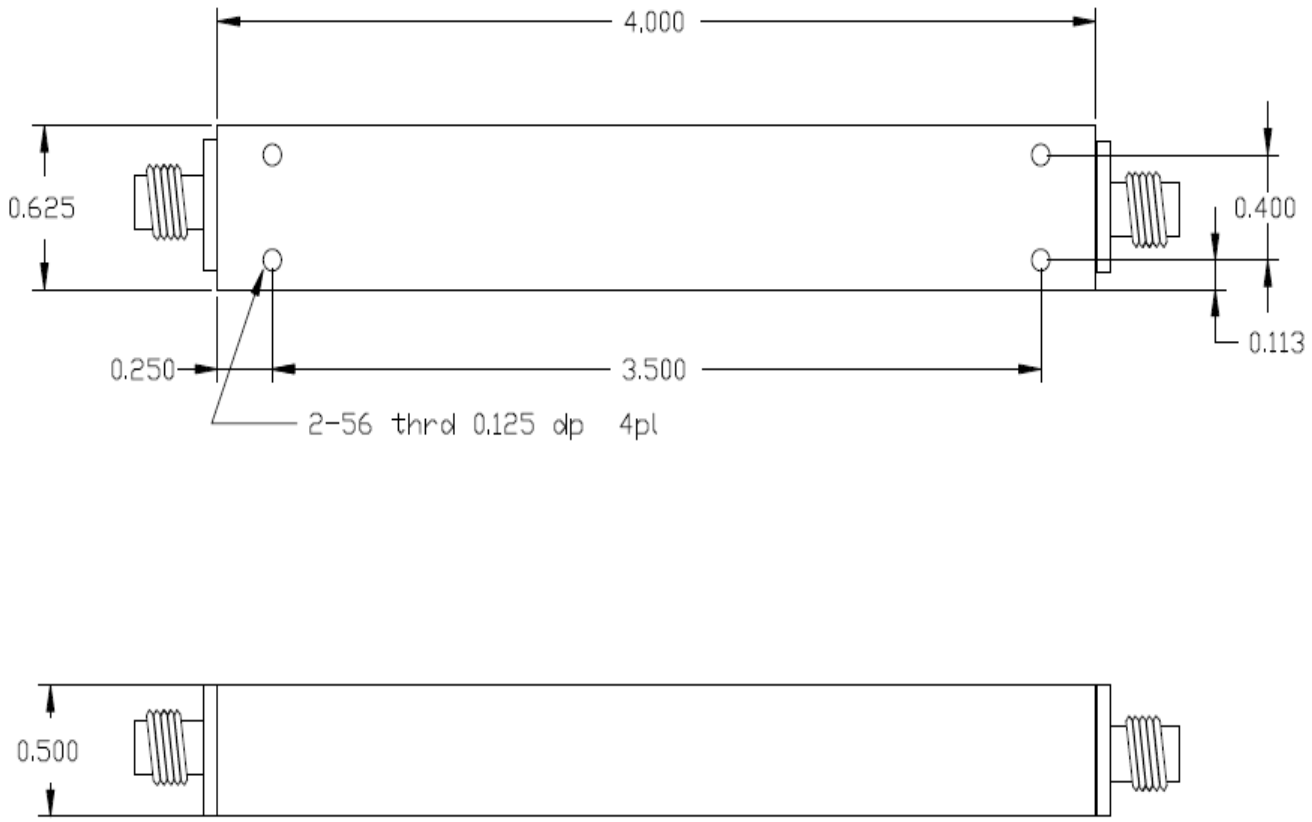
Mechanical

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:



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