



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1780 MHz Cavity Bandpass Filter

Part Number: AE1780B11682



Electrical Specifications

Center Frequency: 1780.025 MHz

0.5 dB Bandwidth: 5 MHz

Return loss: ≥ 15 dB

Insertion loss: ≤ 1.0 dB

Rejection 1: 20dB Min. @ 1755 MHz

Rejection 2: 20dB Min. @ 1850 MHz

Power Handling: 1W CW

Impedance: 50 Ohms

Mechanical

Connector Type: SMA(Female)

Dimensions: 3.5" X 1.5" x 1" in.

Environmental

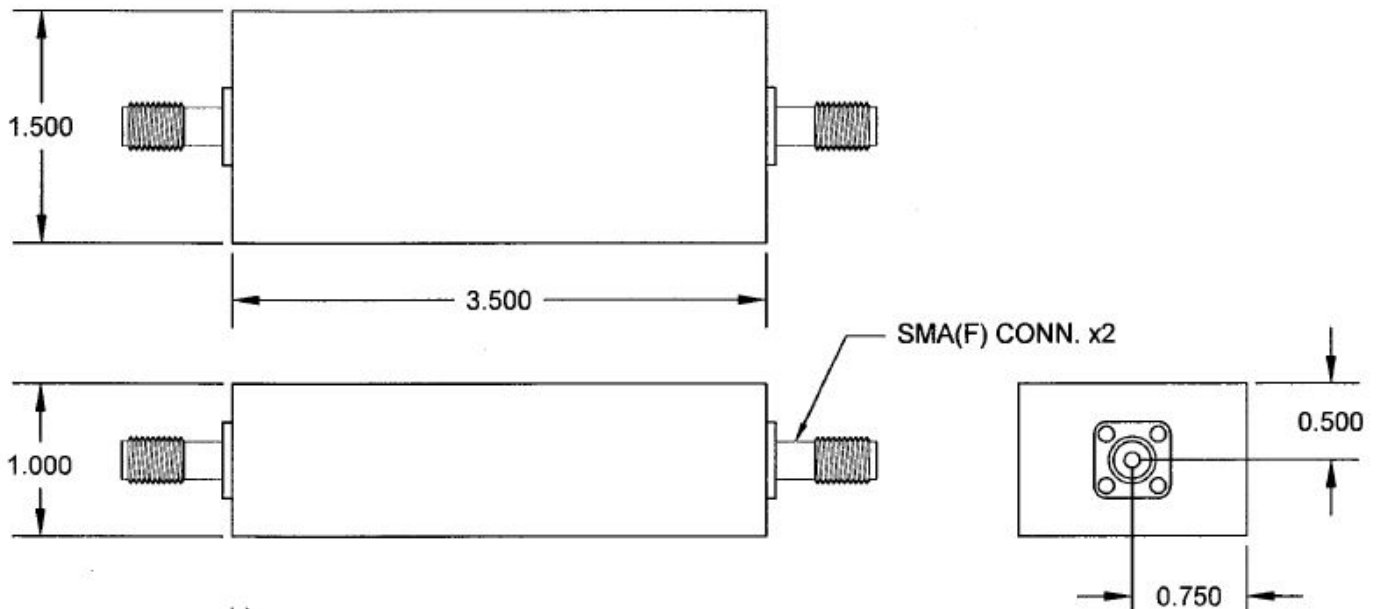
Operating Temperature: -45°C to +85°C

Storage Temperature: -55°C to +95°C

Shock: 20 G. 11ms

Vibration: 20 G. 5 to 200Hz

Outline Drawing:



2 decimal places: ± 0.01 inches [± 0.3 mm]
3 decimal places: ± 0.005 inches [± 0.13 mm]
Angles: ± 1 Deg.

When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

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