



4000 MHz Ceramic Bandpass Filter

ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AM4000B1250



Electrical specifications

Center Frequency: 4000 MHz
Bandwidth: Fo +/- 50 MHz
Return Loss: 12 dB min
Input / Output Impedance: 50 Ohms
Passband: 3950-4050 MHz
Passband Insertion Loss: 4.0dB max
Passband Ripple: 1.0 dB max
Rejection 1: 60 dB min @ DC-3745 MHz
Rejection 2: 40 dB min @ 3845 MHz
Rejection 3: 40 dB min @ 4160 MHz
Rejection 4: 60 dB min @ 4250-4500 MHz
Rejection 5: 70 dB min @ 4500-6450 MHz
Power Handling: 1 W
Group Delay Variation: 5 ns max

Mechanical

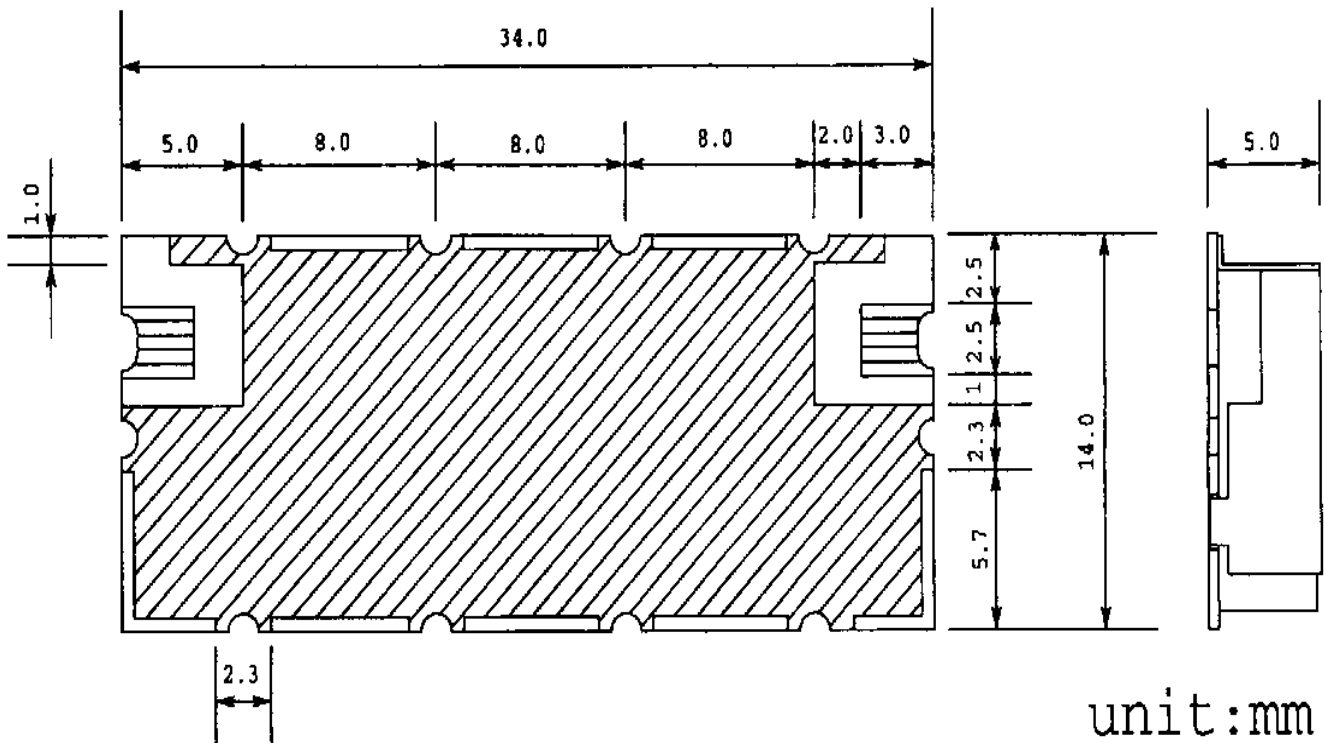
Mounting Method: SMT
Dimensions: 34 x 14 x 5 mm

Environmental

Operating Temperature: -40°C to 110°C
Storage Temperature: -50°C to +90°C

This product is RoHs compliant.

Outline Drawing:



unit:mm

Tolerance: +/-0.01 inches [+/-0.3mm]

Angles: +/-1 Deg.

*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

*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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Response Plot:

