



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2250 MHz Ceramic Bandpass Filter

Part Number: AM2250B1283



Electrical specifications

Center Frequency: 2250 MHz

Bandwidth: 100 MHz

VSWR: 1.4:1 max

Input / Output Impedance: 50 Ohms

Passband: 2200-2300 MHz

Passband Insertion Loss: 2.0 dB max

Passband Ripple: 1.0 dB max

Rejection: 18 dB min at 2100 MHz

Rejection 2: 28 dB min at 1638-1880 MHz

Power Handling: 1.0 W

Mechanical

Mounting Method: SMT

Dimensions: 13 x 12 x 4.5 mm

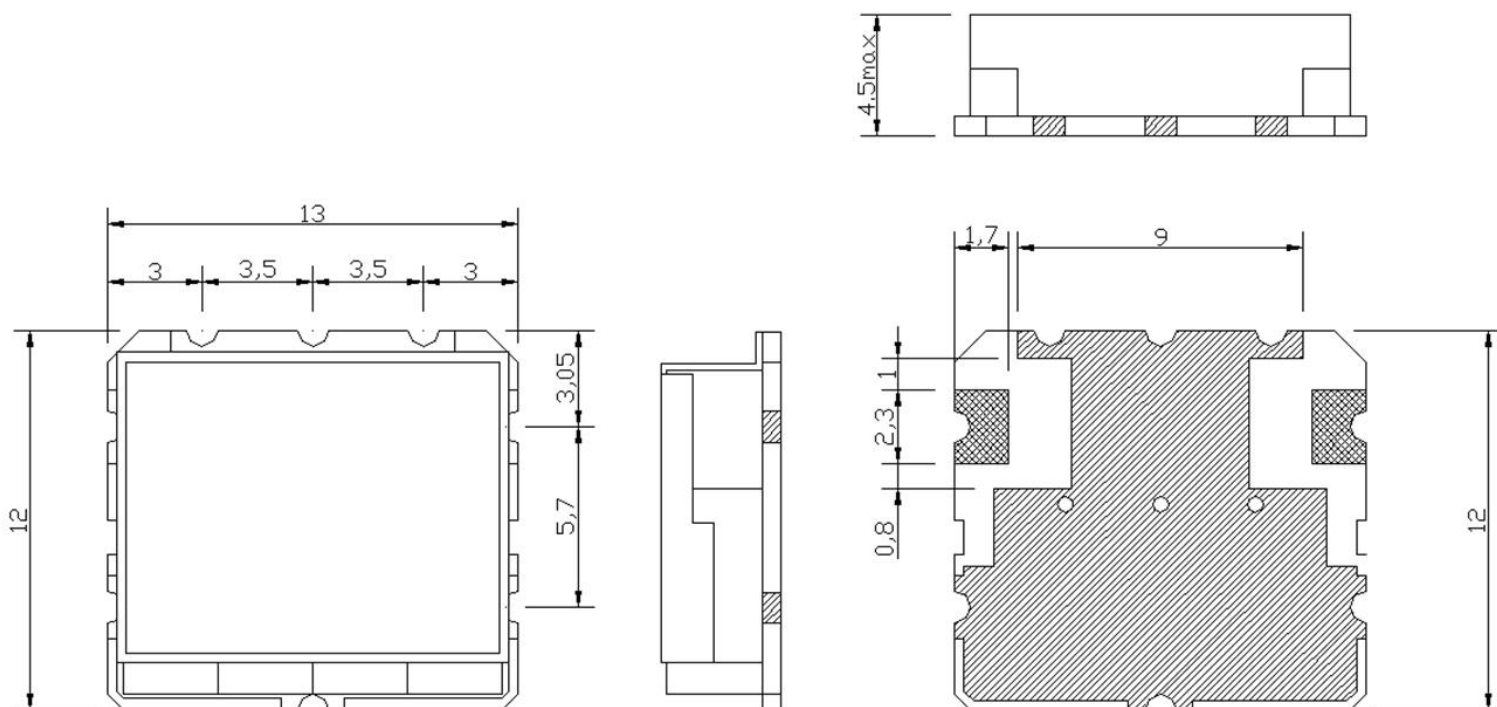
Environmental

Operating Temperature: -40°C to 85°C

Storage Temperature: -50°C to +90°C

This product is RoHs compliant.

Outline Drawing:



Unit:mm
Tolerance:±0.3



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Top Plot (MARKER 1):

- CH1: S22, LOG MAG, REF: 0.000 dB, 5.000 dB/
- CH2: S32, LOG MAG, REF: 0.000 dB, 10.000 dB/
- Center: 2.25GHz, Span: 500MHz
- Marker 1: 2.250 GHz, -20.306 dB
- Marker 2: 2.200 GHz, -0.956 dB
- Marker 3: 2.300 GHz, -0.956 dB
- Marker 4: 2.400 GHz, -0.956 dB
- Marker 5: 2.500 GHz, -0.956 dB

Bottom Plot (MARKER 2):

- CH1: S22, LOG MAG, REF: 0.000 dB, 5.000 dB/
- CH2: S32, LOG MAG, REF: 0.000 dB, 10.000 dB/
- Center: 2.25GHz, Span: 500MHz
- Marker 1: 2.250 GHz, -20.306 dB
- Marker 2: 2.200 GHz, -0.956 dB
- Marker 3: 2.300 GHz, -0.956 dB
- Marker 4: 2.400 GHz, -0.956 dB
- Marker 5: 2.500 GHz, -0.956 dB