



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1307.50 MHz Ceramic Bandpass Filter

Part Number: AE1307CB1886



Electrical Specifications

Center Frequency: 1307.50 MHz
Passband: 1215 – 1400 MHz
Insertion Loss: 1.4 dB Max (Typ. 1.2 dB)
Ripple @ BW: 1.0 dB Max
Return Loss: 15.0 dB Min (Typ: 17.0)
Rejection: 30 dB Min @ 1100 – 1550 MHz
Group Delay: 10 ns Max
Group Delay Variation: 5 ns Max
Impedance: 50 Ohms
Power Handling: 1 W CW Max

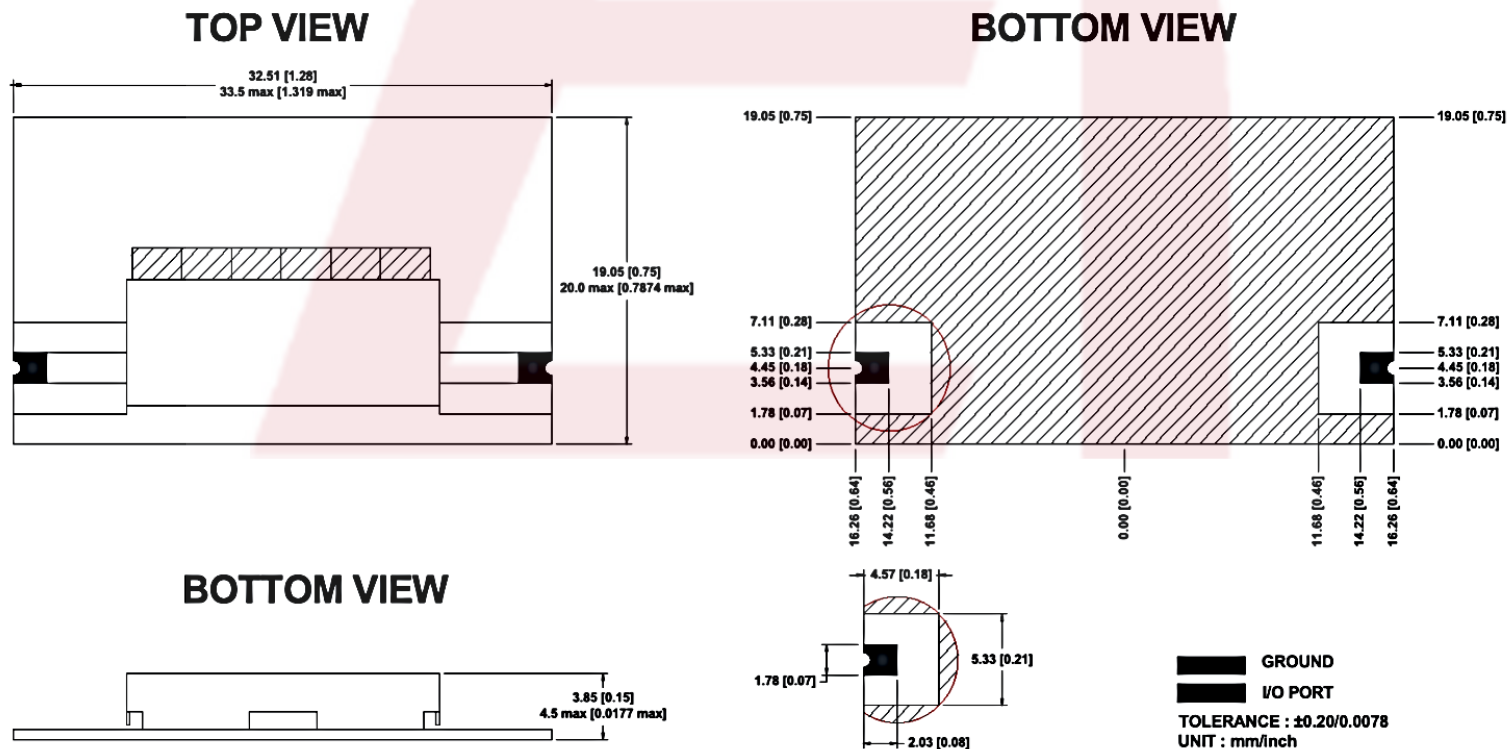
Mechanical

Connector Type: SMT
Dimensions: 32.51 x 19.05 x 3.85 mm
1.28 x 0.75 x 0.15 in

Environmental

Operating Temperature: -40°C to 85°C
Storage Temperature: -25°C to +65°C
Shock: 10 G. 11ms
Vibration: 10 G. 5 to 2000 Hz

Outline Drawing:



DS-CB1886-12032025-Rev1

Response Plot:

