



1962.5 MHz Ceramic Band Pass Filter



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AE1962CB1780

Electrical Specifications

Center Frequency: 1962.5 MHz
Bandwidth: 65 MHz
Insertion Loss @ 1962.5 MHz: 3.0 dB Max.
Return Loss in BW : 10 dB Min.
Ripple in BW: 2.0 dB Max.
Rejection1: 20 dB Min. @ 1755.2 to 1820.2 MHz
Rejection2: 12 dB Min. @ 1850 to 1915 MHz
Rejection3: 20 dB Min. @ 2119.6 to 2184.6 MHz
Rejection4: 45 dB Min. @ 2309.2 to 2374.2 MHz
Rejection5: 45 dB Min. @ 2484 to 2549 MHz
Impedance: 50 Ohms
Power Handling: 3 Watts

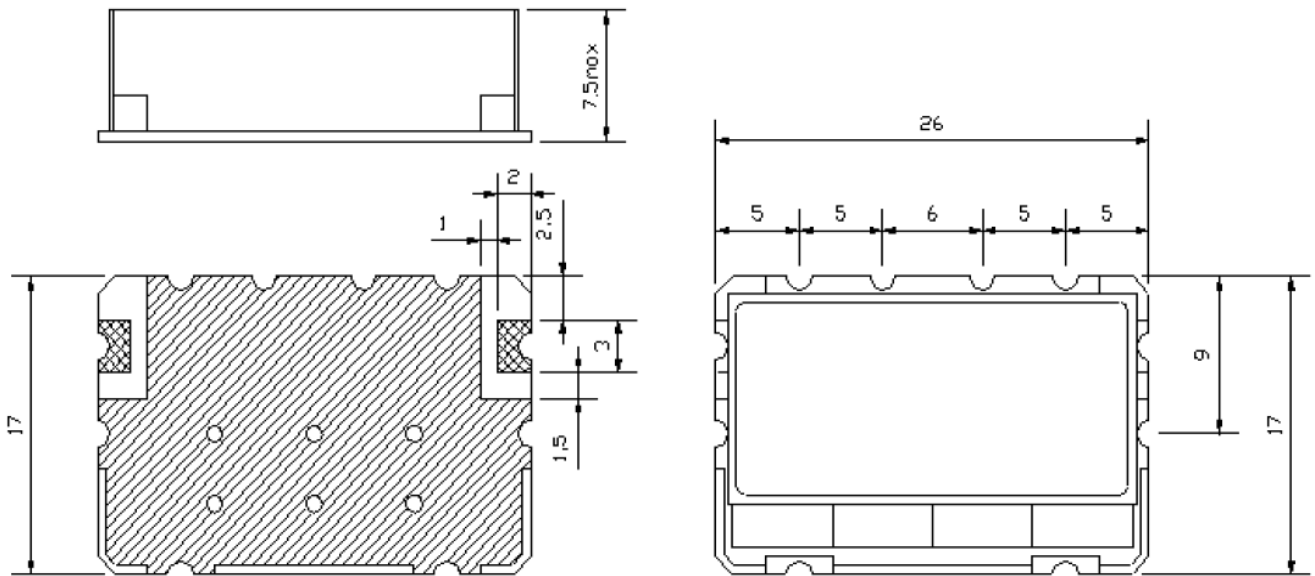
Mechanical

Connector Type: SMT
Dimensions: 26 x 17 x 7.5 mm.

Environmental

Operating Temperature: -20°C to +70°C
Storage Temperature: -35°C to +85°C
Shock: 10 G. 11ms
Vibration: 10 G. 5 to 200Hz

Outline Drawing:



Unit:mm
Tolerance:±0.3

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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