



1087.5 MHz Ceramic Band Pass Filter



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AE1087CB1795

Electrical Specifications

Center Frequency(CF): 1087.5 MHz
1 dB Bandwidth(BW): 255 MHz Min
Passband Frequency (PB): 960-1215 MHz
Insertion Loss @ BW : 0.9 dB Max
Ripple in BW: 0.5dB Max
Return Loss in BW: 15 dB Min
Group Delay variation in PB : 7 ns Max.
Rejection1: 58 dB Min.@ 810 MHz
Rejection2: 37 dB Min. @ 860 MHz
Rejection3: 30 dB Min. @ 1365 MHz
Rejection4: 39 dB Min. @ 1415 MHz
Power Handling: 3 Watt
Input / output Impedance: 50 Ohms

Mechanical

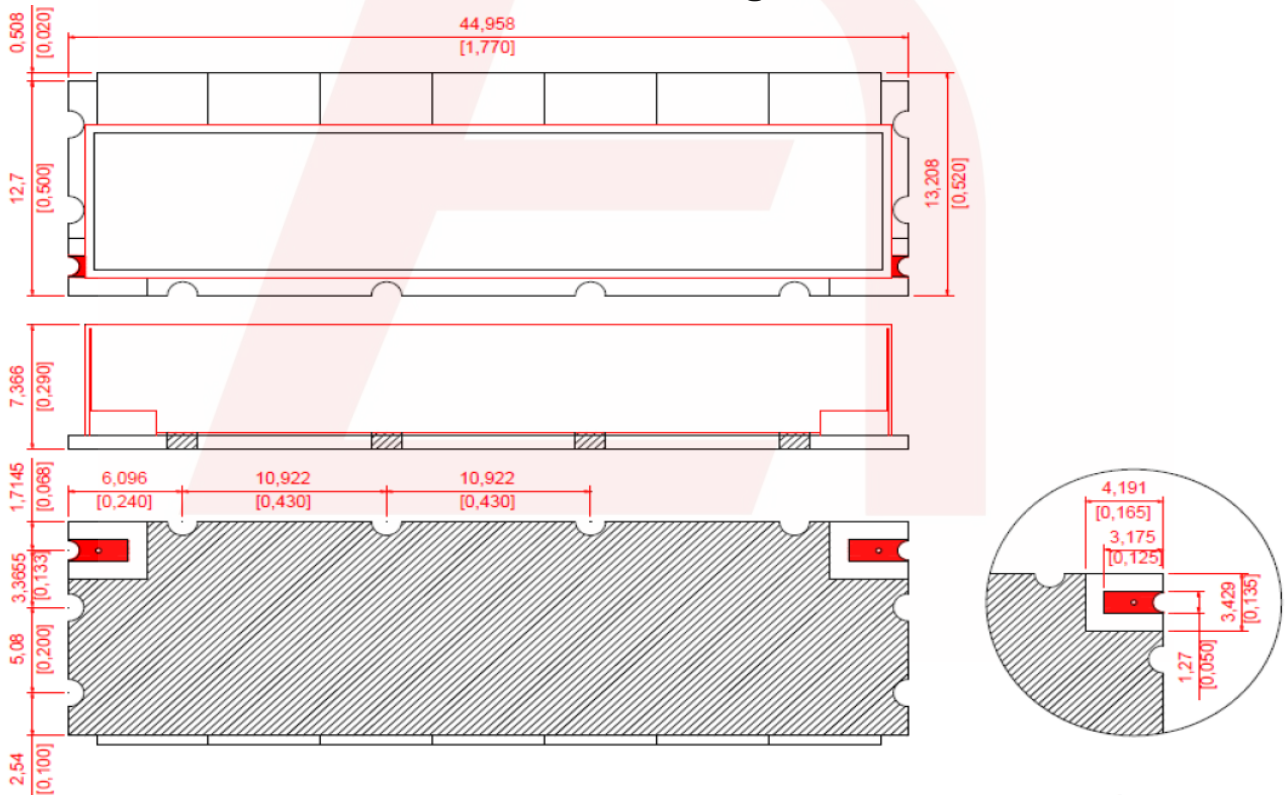
Mounting Method: SMT
Dimensions: 44.9 x 13.2 x 7.4 mm

Environmental

Operating Temperature: -40°C to +85°C
Storage Temperature: -55°C to +125 °C
Shock: 10G. 11ms
Vibration: 10G 0.5 to 200 Hz

This Product is RoHS Compliant.

Outline Drawing:



- : In / Out Port
- : Ground
- : No metal

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

Angles: +/- 1 Deg.

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

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