



2800 MHz Ceramic Band Pass Filter



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AE2800CB1796

Electrical Specifications

Center Frequency(CF): 2800 MHz
3 dB Bandwidth(BW): 30 MHz Min.
Passband Frequency (PB): 2785-2815 MHz
Insertion Loss @ CF : 3.0 dB Max.
VSWR in PB: 1.75 :1 Max.
Rejection1: 55 dB Min. @ 2470 MHz
Rejection2: 55 dB Min. @ 3130 MHz
Power Handling: 1 Watt
Input / output Impedance: 50 Ohms

Mechanical

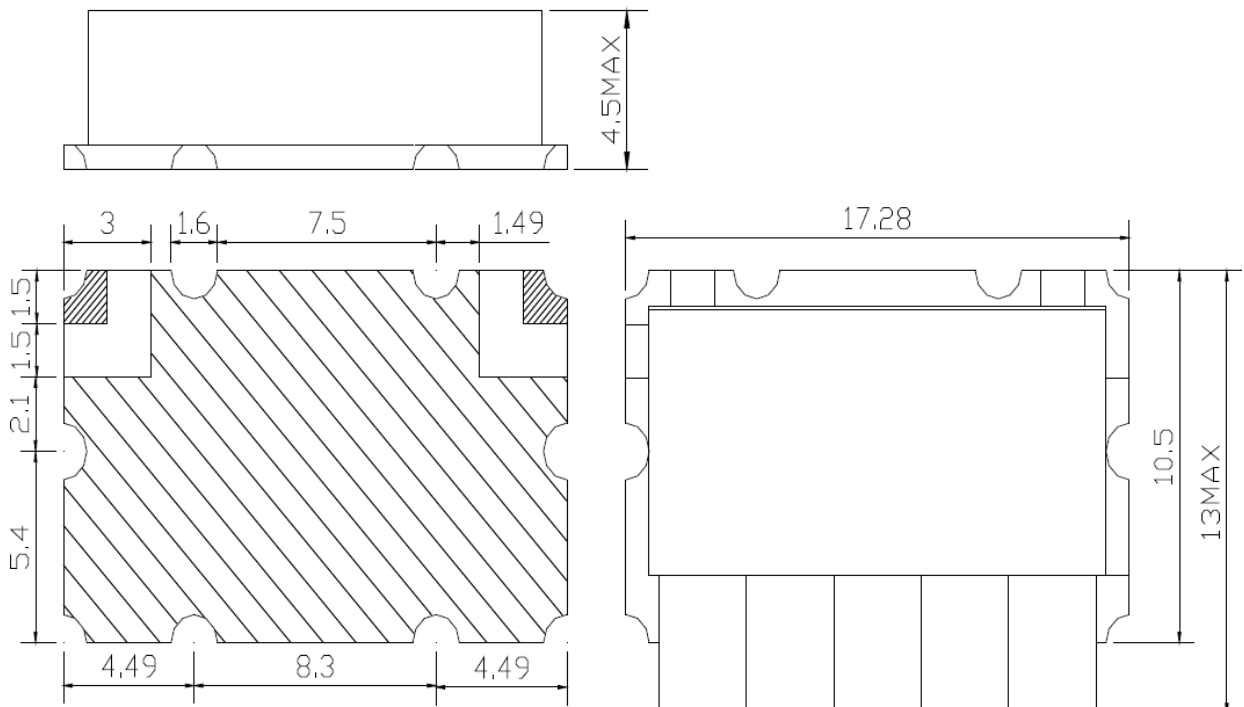
Mounting Method: SMT
Dimensions: 17.28 x 13 x 4.5 mm

Environmental

Operating Temperature: -35°C to +75°C
Storage Temperature: -50°C to +90 °C
Shock: 10G. 11ms
Vibration: 10G 0.5 to 200 Hz

This Product is RoHS Compliant.

Outline Drawing:



▨ RF IN/OUT
□ GROUND

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.