ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

644.5 MHz Cavity Band Pass Filter

Part Number: AE644B11730

ISO 9001 REGISTERED FIRM

Electrical Specifications

Center Frequency: 644.5 MHz
Bandwidth: 15 MHz
Passband Frequency (PB): 637-652 MHz
Insertion Loss @ 644.5.5 MHz : 2.0 dB Max
Return Loss : 14 dB Min.
Rejection1: 40 dB Min.@ 636.1 MHz
Rejection2: 40 dB Min. @ 652.9 MHz
Power Handling: 50 W
Input / output Impedance: 50 Ohms

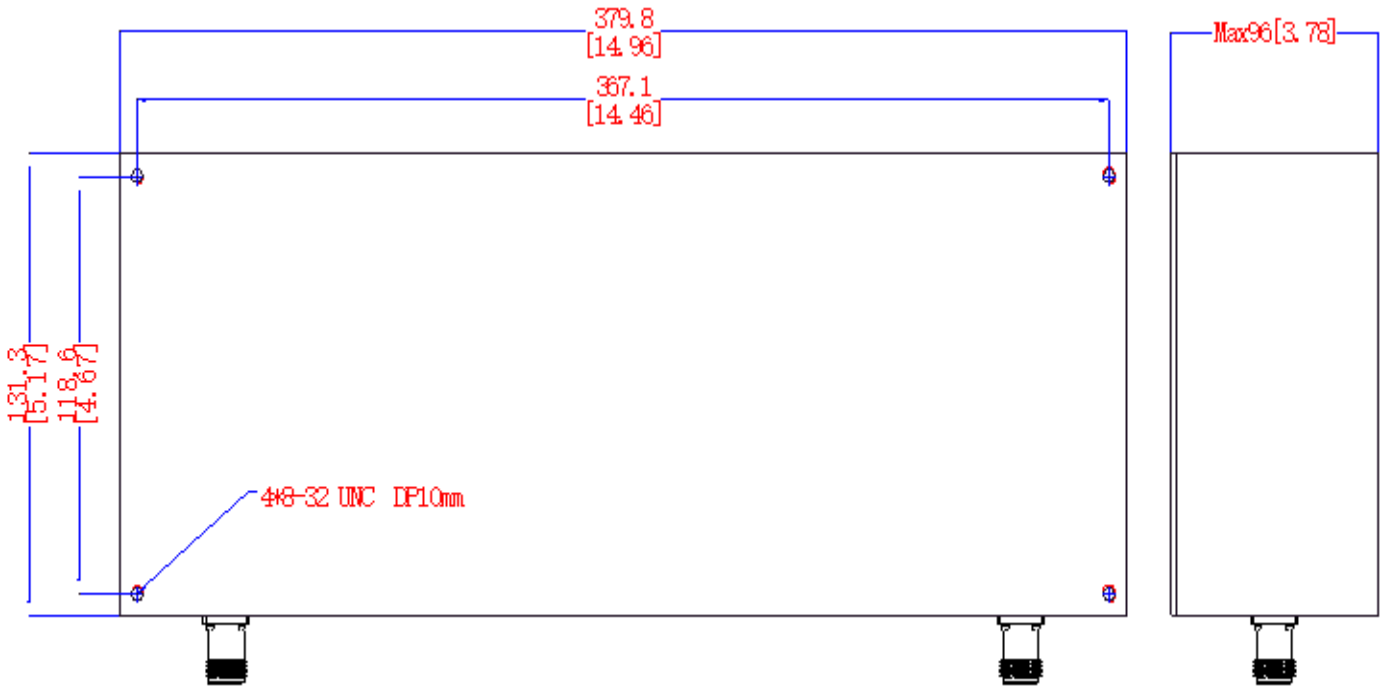
Mechanical

Mounting Method: Threaded Holes
Connector Type: N-type(F)
Dimensions: 14.96 x 5.17 x 3.78 in.
379.8 x 131.3 x 96 mm.

Environmental

Operating Temperature: -40°C to +80°C
Storage Temperature: -55°C to +95 °C
Shock: 20G. 11ms
Vibration: 20G 0.5 to 200 Hz

Outline Drawing:



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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