ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1687 MHz Cavity Bandpass Filter

Part Number: AE1687B12021

ISO 9001 CERTIFIED

Electrical specifications

Center Frequency: 1687.5 MHz
Passband: 1675 – 1700 MHz
Insertion loss: 1.0 dB Max
Return loss: 15 dB Min
Rejection: 60 dB Min @ 1575 MHz
Rejection: 60 dB Min @ 1800 MHz
Rejection: 80 dB Min @ 2200 MHz
Impedance: 50 Ohms In/Out
Power Handling: 5 W CW Max

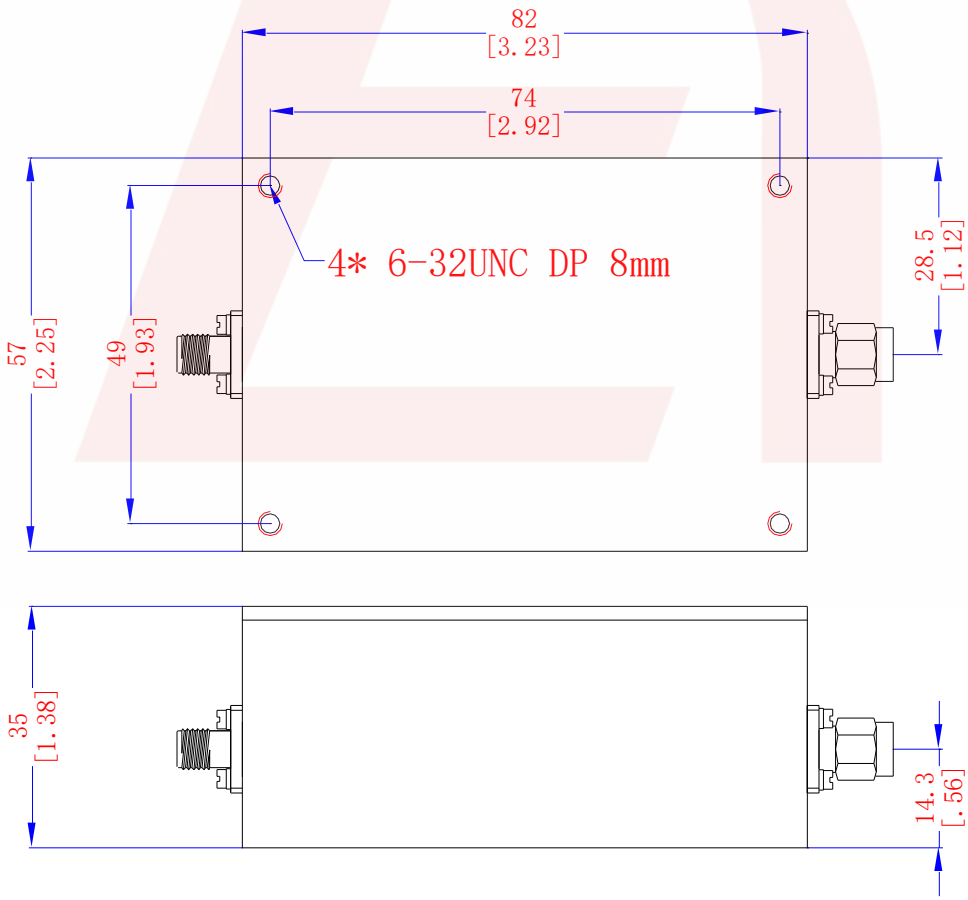
Mechanical

Connector Type: SMA Female/Male
Dimensions: 3.23 x 2.25 x 1.38 in
82 x 57 x 35 mm

Environmental

Operating Temperature: -40 to +70° C
Storage Temperature: -55 to +85° C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 Hz
Environment Class: IP67

Outline Drawing:



Outline Tolerances ±0.3(0.012)

DS-B12021-05222023-Rev0

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