ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

5800-6500 MHz Cavity Bandpass Filter

Part Number: AB6150B1062

ISO 9001 REGISTERED FIRM

FL02

Electrical specifications

Passband: 5800-6500MHz
Passband Insertion Loss: ≤4.0dB
Passband Ripple: ≤0.5dB
Passband Return Loss: ≥14dB
Passband Group Delay ripple: ≤25 nsec
Rejection 1: ≥4dB@5783MHz,6518MHz
Rejection 2: ≥24dB@5748MHz,6553MHz
Rejection 3: ≥45dB@5713MHz,6588MHz
Rejection 4: ≥60dB@5678MHz,6623MHz
Rejection 5: ≥70dB@5643MHz,6658MHz
Rejection 6: ≥75dB@5608MHz,6693MHz
Rejection 7: ≥77dB@5573MHz,6728MHz
Rejection 8: ≥78dB@5538MHz,6763MHz
Rejection 9: ≥80dB@5503MHz,6798MHz
Rejection 10: ≥85dB@5468MHz,6833MHz
Rejection 11: ≥30dB@1000-5000MHz
Rejection 12: ≥35dB@7000-18000MHz
Input / Output Impedance: 50 Ohms

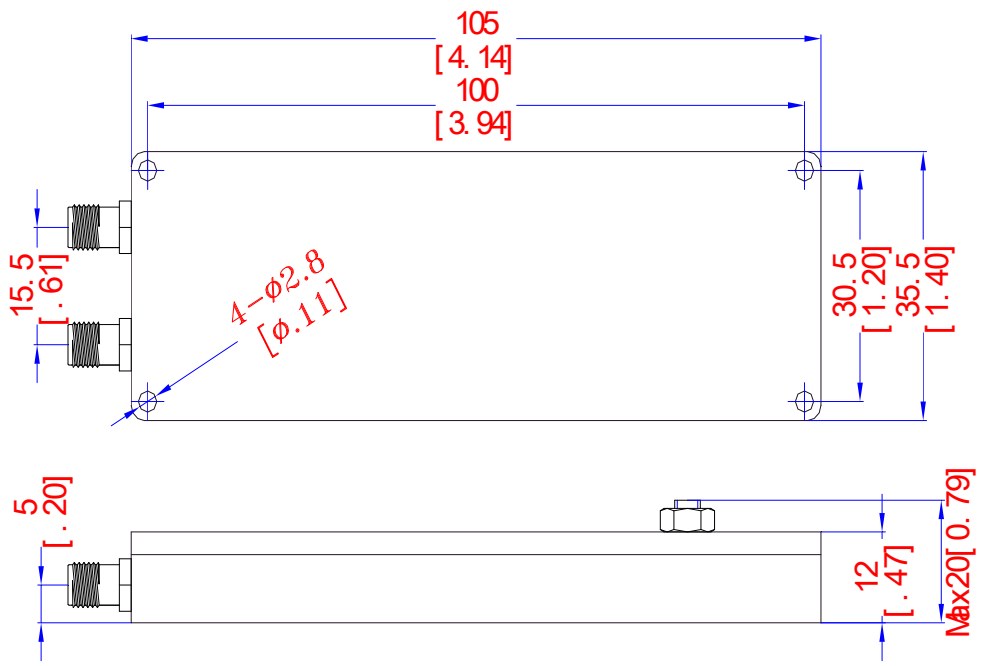
Mechanical

Connector Type: SMA (F)
Dimensions: 4.14 x 1.40 x .47 inches

Environmental

Operating Temperature: +15 to +30 deg. C
Storage temperature: -65 to +95 deg.C
Shock: 20 G's, ½ sine, 11ms
Vibration: 10 G's, 10-2000Hz
Relative Humidity: 0-95%

Outline Drawing:



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