ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

13000-14500 MHz Cavity Bandpass Filter

Part Number: AB13750B1068

ISO 9001 REGISTERED FIRM

FL07

Electrical specifications

Passband: 13000-14500MHz
Passband Insertion Loss: ≤5.0dB
Passband Ripple: ≤0.5dB
Passband Return Loss: ≥12dB
Passband Group Delay ripple: ≤10 nsec
Rejection 1: ≥5dB@12962.5MHz,14537.5MHz
Rejection 2: ≥24dB@12887.5MHz,14612.5MHz
Rejection 3: ≥45dB@12812.5MHz,14687.5MHz
Rejection 4: ≥65dB@12737.5MHz,14762.5MHz
Rejection 5: ≥70dB@12662.5MHz,14837.5MHz
Rejection 6: ≥75dB@12587.5MHz,14912.5MHz
Rejection 7: ≥77dB@12512.5MHz,14987.5MHz
Rejection 8: ≥78dB@12437.5MHz,15062.5MHz
Rejection 9: ≥80dB@12362.5MHz,15137.5MHz
Rejection 10: ≥85dB@12287.5MHz,15212.5MHz
Rejection 11: ≥25dB@1000-12000MHz
Rejection 12: ≥30dB@15500-18000MHz
Rejection 13: ≥25dB@18000-26500MHz
Power Handling: 1W(CW)
Input / Output Impedance: 50 Ohms

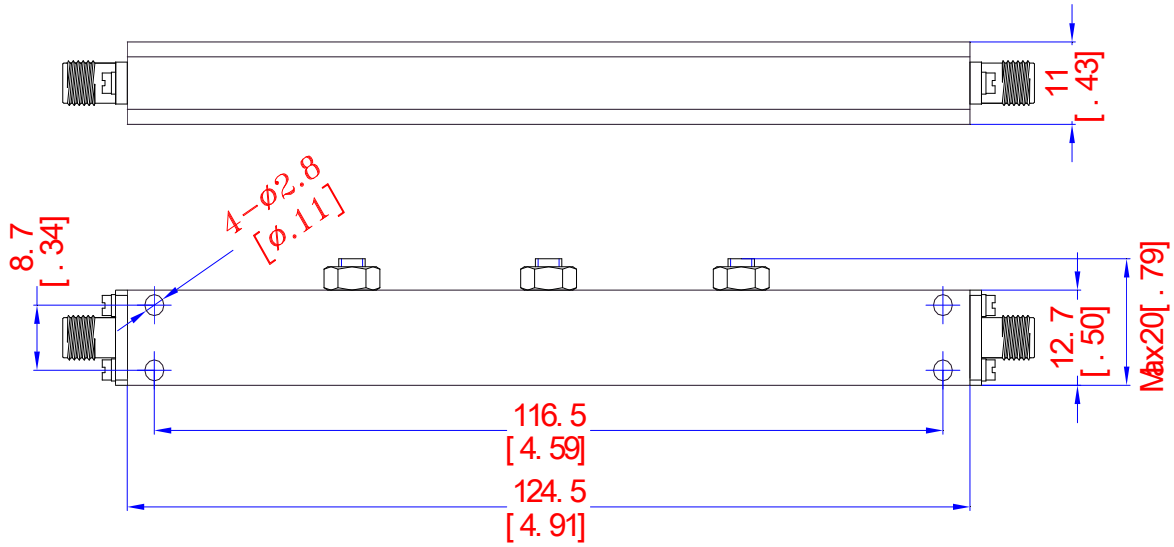
Mechanical

Connector Type: SMA (F)
Dimensions: 4.91 x .50 x .43 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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