



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

10700-12700 MHz Cavity Bandpass Filter

Part Number: AB11700B1069



FL10

Electrical specifications

Passband: 10700-12700MHz
Passband Insertion Loss: ≤ 4.0 dB
Passband Ripple: ≤ 0.5 dB
Passband Return Loss: ≥ 12 dB
Passband Group Delay ripple: ≤ 6 nsec
Rejection 1: ≥ 6 dB@10650MHz, 12750MHz
Rejection 2: ≥ 25 dB@10550MHz, 12850MHz
Rejection 3: ≥ 45 dB@10450MHz, 12950MHz
Rejection 4: ≥ 55 dB@10350MHz, 13050MHz
Rejection 5: ≥ 70 dB@10250MHz, 13150MHz
Rejection 6: ≥ 75 dB@10150MHz, 13250MHz
Rejection 7: ≥ 78 dB@10050MHz, 13350MHz
Rejection 8: ≥ 80 dB@9750MHz-9950MHz
Rejection 9: ≥ 80 dB@13450MHz-13650MHz
Rejection 10: ≥ 40 dB@1250-9500MHz
Rejection 11: ≥ 35 dB@14000-20000MHz
Power Handling: 1W(CW)
Input / Output Impedance: 50 Ohms

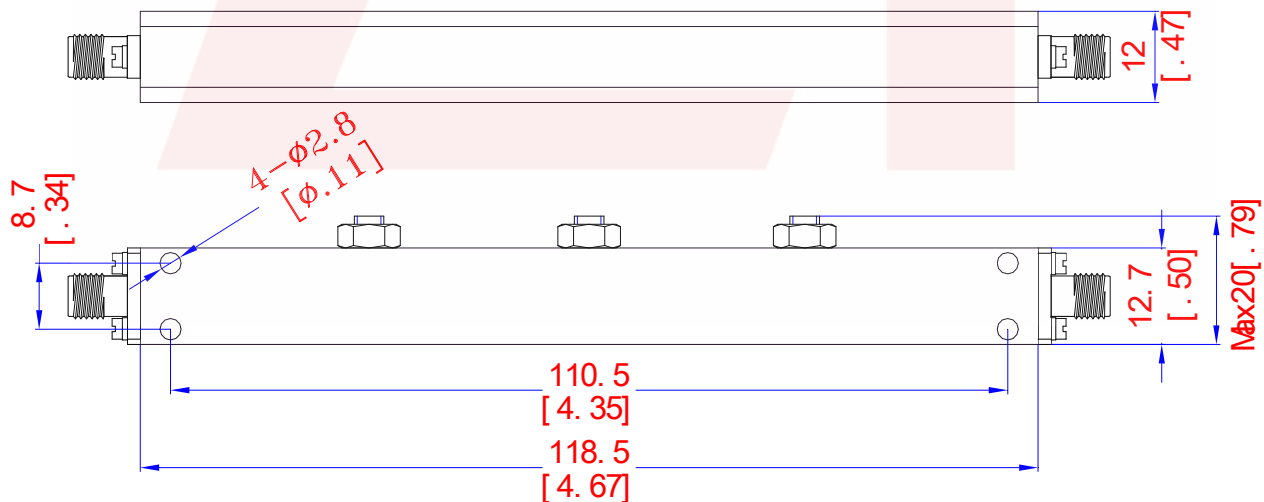
Mechanical

Connector Type: SMA (F)
Dimensions: 4.67 x .50 x .47 inches

Environmental

Operating Temperature: +15 to +30 deg. C
Storage temperature: -65 to +95 deg.C
Shock: 20 G's, 1/2 sine, 11ms
Vibration: 10 G's, 10-2000Hz
Relative Humidity: 0-95%

Outline Drawing:



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