ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

10700-12700 MHz Cavity Bandpass Filter

Part Number: AB11700B1069

ISO 9001 REGISTERED FIRM

FL10

Electrical specifications

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

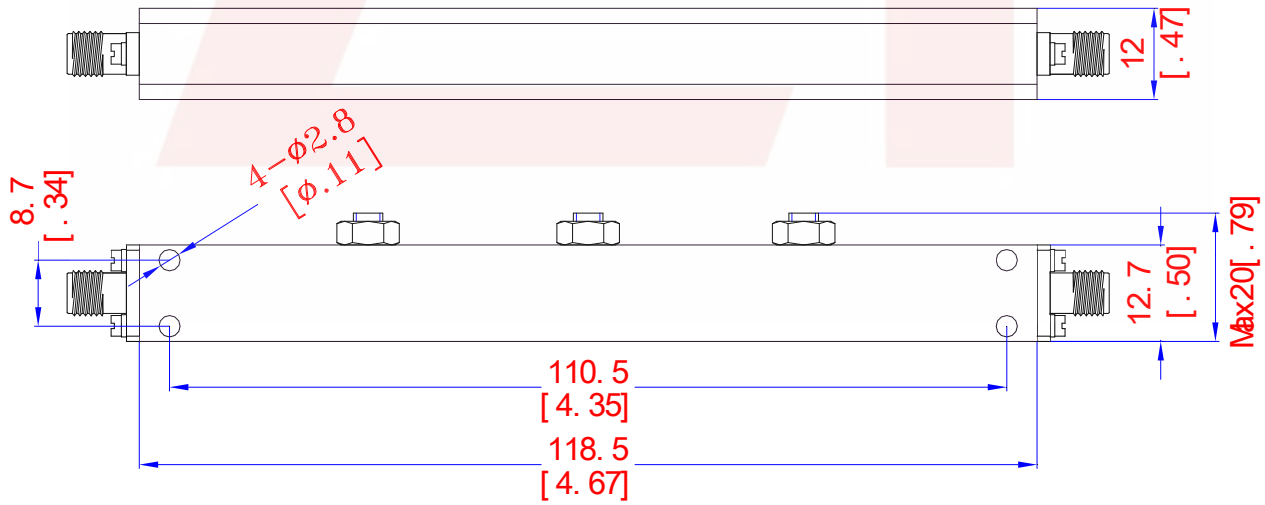
Mechanical

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, ½ sine, 11ms
Vibration: 10 G's, 10-2000Hz
Relative Humidity: 0-95%

Outline Drawing:



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