ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

19895-20005 MHz Cavity Bandpass Filter

Part Number: AB19950B1070

ISO 9001 REGISTERED FIRM

Electrical specifications

Passband: 19895-20005MHz
Passband Insertion Loss: ≤4.5dB
Passband Ripple: ≤0.5dB
Passband Return Loss: ≥12dB
Passband Group Delay ripple: ≤15 nsec
Rejection 1: ≥22dB@19840MHz,20060MHz
Rejection 2: ≥36dB@19785MHz,20115MHz
Rejection 3: ≥48dB@19730MHz,20170MHz
Rejection 4: ≥54dB@19675MHz,20225MHz
Rejection 5: ≥60dB@19620MHz,20280MHz
Rejection 6: ≥70dB@19565MHz,20335MHz
Rejection 7: ≥75dB@19538MHz,20363MHz
Rejection 8: ≥30dB@1000-3000MHz
Rejection 9: ≥40dB@3000-6000MHz
Rejection 10: ≥65dB@6000-15000MHz
Rejection 11: ≥70dB@15000-18000MHz
Rejection 12: ≥65dB@18000-19500MHz
Rejection 13: ≥70dB@20500-27000MHz
Power Handling: 1W(CW)
Input / Output Impedance: 50 Ohms

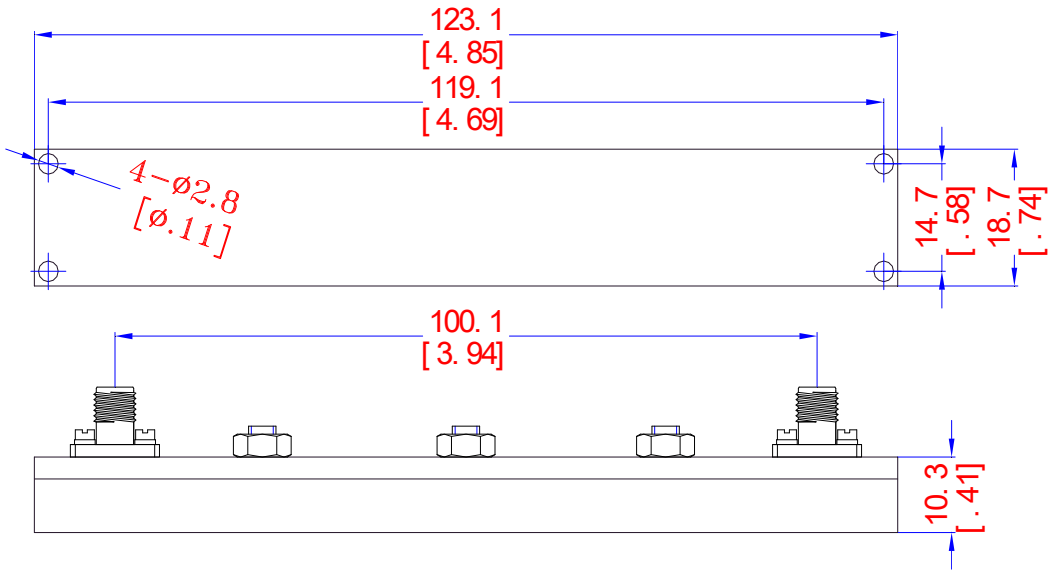
Mechanical

Connector Type: SMA (F)
Dimensions: 4.85 x .74 x .41 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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