



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

18825-18935 MHz Cavity Bandpass Filter

Part Number: AB18880B1066



FL13/FL15

Electrical specifications

- Passband: 18825-18935MHz
- Passband Insertion Loss: ≤ 4.5 dB
- Passband Ripple: ≤ 0.5 dB
- Passband Return Loss: ≥ 12 dB
- Passband Group Delay ripple: ≤ 15 nsec
- Rejection 1: ≥ 22 dB@18770MHz, 18990MHz
- Rejection 2: ≥ 36 dB@18715MHz, 19045MHz
- Rejection 3: ≥ 48 dB@18660MHz, 19100MHz
- Rejection 4: ≥ 54 dB@18605MHz, 19155MHz
- Rejection 5: ≥ 60 dB@18550MHz, 19210MHz
- Rejection 6: ≥ 70 dB@18495MHz, 19265MHz
- Rejection 7: ≥ 75 dB@18468MHz, 19293MHz
- Rejection 8: ≥ 40 dB@1000-3000MHz
- Rejection 9: ≥ 60 dB@3000-6000MHz
- Rejection 10: ≥ 68 dB@6000-15000MHz
- Rejection 11: ≥ 70 dB@15000-18000MHz
- Rejection 12: ≥ 60 dB@19500-20500MHz
- Rejection 13: ≥ 70 dB@20500-27000MHz
- Power Handling: 1W(CW)
- Input / Output Impedance: 50 Ohms

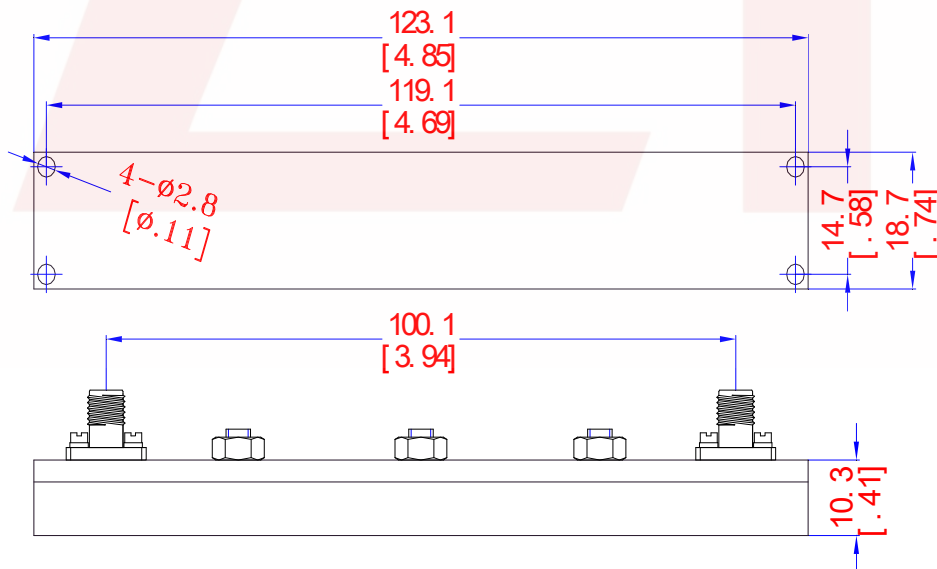
Mechanical

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, 1/2 sine, 11ms
Vibration: 10 G's, 10-2000Hz
Relative Humidity: 0-95%

Outline Drawing:



DS-B1066-03152018-Rev0