



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

3750-4350 MHz Bandpass Filter

Part Number: AB4050B898



Electrical specifications

Center Frequency: 4050 MHz
Bandwidth: 600 MHz
Input / Output Impedance: 50 Ohms
Passband: 3750-4350 MHz
Passband Insertion Loss: <0.5 dB
Passband Ripple: <0.5 dB P-T-P
Passband Return Loss: -14 dB max, <1.5:1
Rejection: @ 3600 & 4500 MHz: 47 dB min, 50 dB typ.
Rejection 2: @ 3440 & 4660 MHz: 70 dB min, 75 dB typ.
Rejection 3: @ 4700 & 16500 MHz: 65 dB min, 70 dB typ.
Power Handling: 5 W
Group Delay over passband: 10 nsec max, 8 nsec typ.

Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: SMA Female
Dimensions: 2.90" x 1.24" x .59"

Environmental

Operating Temperature: -55 to +100 deg.C
Storage Temperature: -55 to +95 deg.C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 MHz

Outline Drawing:

