



2447.5 MHz Cavity Bandpass Filter

Part Number: AE2447B11498



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Electrical specifications

Center Frequency: 2447.5 MHz
Bandwidth: 105 MHz
Passband (PB): 2395-2500 MHz MHz
Insertion Loss @ PB : 0.75 dB Max
Ripple in PB: <0.25 dB
Return Loss in PB: 15 dB Min
Rejection: >=50dB @ 2200 MHz MHz
 >=50 dB @ 2700 MHz
Power Handling: 20 Watts

Mechanical

Mounting Method: 6-32 Threaded Mounting Holes
Connector Type: N(F)/N(M)
Dimensions: 3"x 2"x 1.34"

Environmental

Operating Temperature: -40 to +85° C
Storage Temperature: -55 to +95° C
Shock: 20G, 11msec min.
Humidity: 95% RH @ 40 Deg. C
Vibration: 10G. 5 to 200 MHz
Altitude: 60,000 ft. 1.0 psi
Environment Class: IP65
Weight: 0.45 Kg. Max

Outline Drawing:

