



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

3300 MHz Cavity Band Pass Filter

Part Number: AE3300B1370



Electrical Specifications

Center Frequency: 3100-3500 MHz
3dB Bandwidth: 430 MHz Min
Pass Band: 3100-3500 MHz
Insertion Loss: 1.5 dB Max
VSWR: 1.50:1 Max
Phase Linearity: (Pass band = 3.1 ~ 3.5 GHz)
 ± 1.5 Deg. MAX. (Deviation within any 10 MHz bandwidth)
Amplitude Ripple: (pass band = 3.1 ~ 3.5 GHz) 0.13 dB MAX. (Deviation within any 10 MHz bandwidth).
Attenuation: >80 dB @ 1.5 GHz
 >60 dB @ 2.94 GHz
 >35 dB @ 3.6 GHz
 >60 dB @ 3.7-6.9 GHz
 >30 dB @ 6.9-8.0 GHz
In/Out Impedance: 50 Ω
Power Handling: 1 W CW

Mechanical

Connector Type: SMA (M/F)
Dimensions: 123.44 x 37.34 x 13.2 mm

Environmental

Operating Temperature: -40 to +85° C
Storage Temperature: -50 to +100° C
Thermal Shock: MIL-STD-202, Method 107, c
Vibration: MIL-STD-202, Method 204, c
Humidity: MIL-STD-202, Method 03,
 (90-95% RH, 40°C, 96 HRS)
Application: Indoor

This Product is RoHS Compliant.

Outline Drawing:

