



Electrical Specifications

Center Frequency: 5643.5 MHz
Frequency Range: 5622.5-5664.5 MHz
0.5 dB Passband Bandwidth: 21 MHz
Insertion loss: <0.8 dB
Return Loss: 14.0 dB Min.
Stop Band Attenuation:
 5603 MHz: 42 dBc Min.
 5684 MHz: 42 dBc Min.
Impedance: 50 Ohms
Power: +30 dBm (1 Watt)
 Painted RED with epoxy or powder coat paint to prevent corrosion.
 Must state "TDWR STALO BPF FOR SITES AT 5600-5625 MHz"

Mechanical

Mounting Method: Thru Mounting Holes
Connector Type (Input/Output): SMA (F)
Dimensions: 9.80 x 1.80 x 1.00 in.

Environmental

Operating Temperature: 25°C to +30°C
Storage Temperature: -50°C to +100°C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 Hz
 Thermal Cycling MIL-STD-202 Method 107, Test B1 or equivalent
 Vibration Random MIL-STD-810B para 4.5.2 method 514, procedure V or equivalent

Outline Drawing:





ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

5633-5654 MHz Band Pass Filter

Part Number: AE5643B11569



Response Plot:

