



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2593 MHz Cavity Band Pass Filter

Part Number: AB2593B765



Electrical specifications

Center Frequency: 2593 MHz
Operational Bandwidth (min): Fo +/- 97 MHz
Bandwidth: 240 MHz
Input / Output Impedance: 50 Ohms
Passband: 2473-2713 MHz
Passband Variation Over Bandwidth: 0.5 dB
Passband Insertion Loss: 1.0 dB
Passband Ripple: <0.2 dB
Passband Return Loss: 15 dB
Rejection: 50 dB @ 2400 MHz
Rejection 2: 50 dB @ 2800 MHz
Power Handling: 20 W average 130 W peak
Group Delay Variation Over Bandwidth: 5ns typical, 10ns max

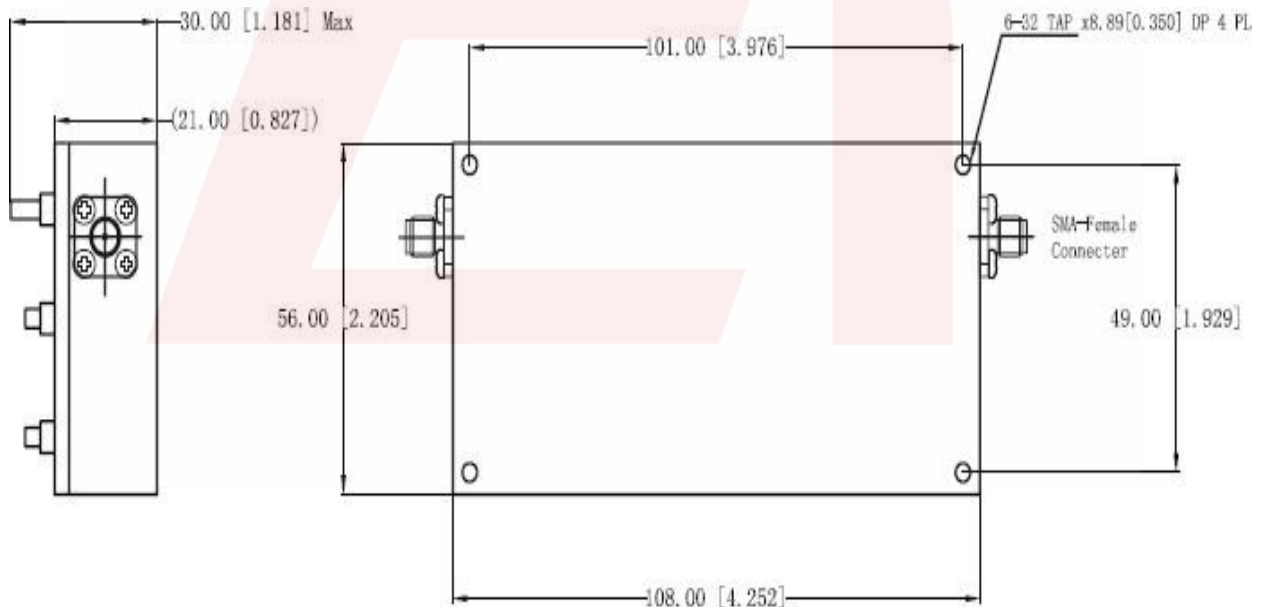
Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: SMA (F)
Dimensions: 108mm x 56mm x 30mm

Environmental

Operating Temperature: -40 to +55 deg.C
Storage Temperature: -55 to +95 deg.C
Shock: 20 G. 11ms
Vibration: 20G. 5 to 200 MHz

Outline Drawing:



DS-B765-03152018-Rev1



Response Plot:

