



WiFi 2441.5 MHz Cavity Bandpass Filter



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AB2441B512

Electrical specifications

Center Frequency (Fo): 2441.5 MHz
Insertion loss at Fo: <1 desired <2 acceptable
0.5 dB bandwidth: 2404-2470 MHz
Return loss at Fo: >15 dB
Rejection frequency on low side (Fs-): 2390 MHz
Rejection frequency on high side (Fs+): 2483.5 MHz
Attenuation at Fs-: >25 dB
Attenuation at Fs+: >25 dB
Spurious passband: >25 dB rejection to 10 G
Impedance: 50 Ohm
Power Handling: <2 Watts

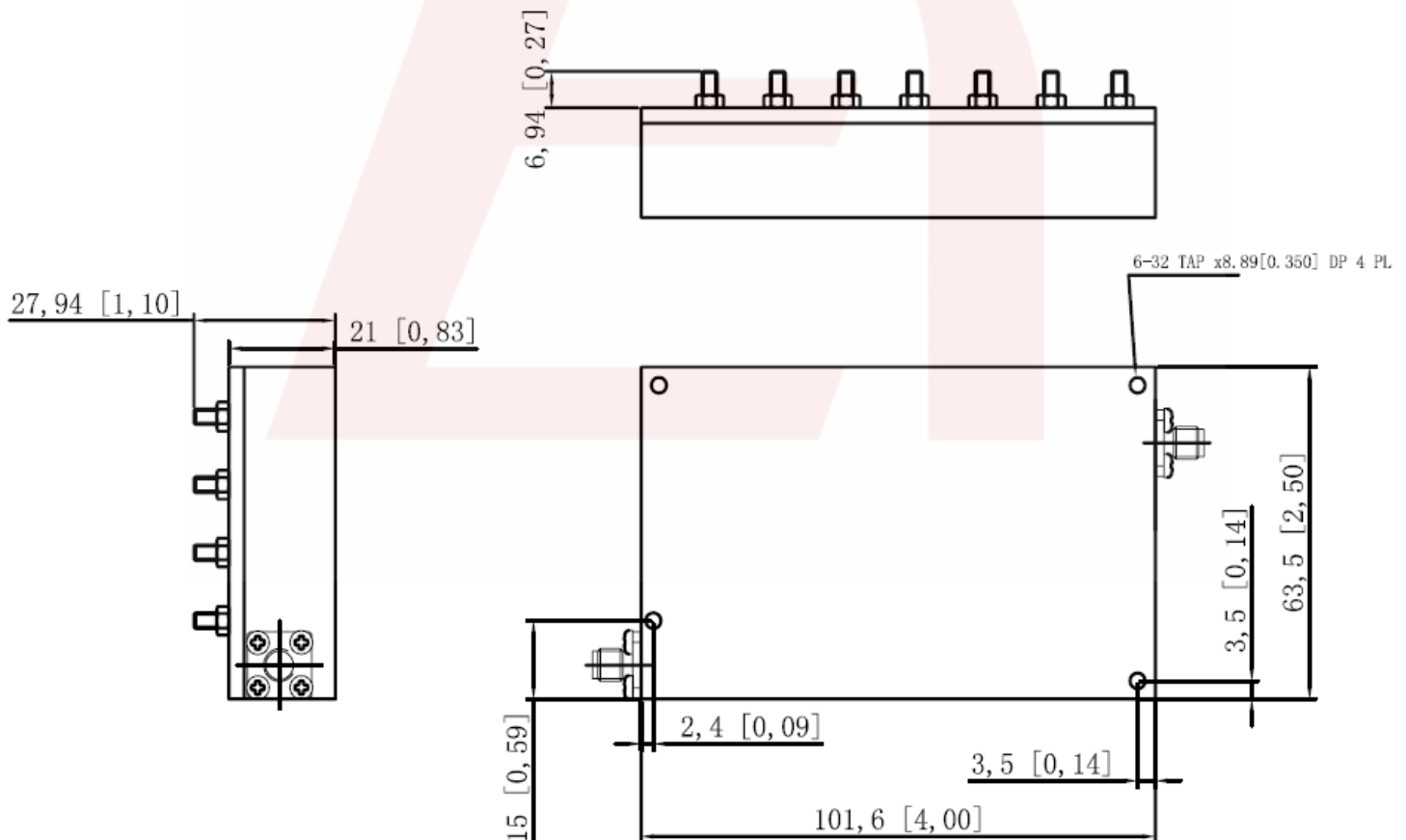
Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: SMA Female
Dimensions: 4.00" X 2.50" X 1.10" in

Environmental

Operating Temperature: -45 to +85° C
Storage Temperature: -55 to +95° C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 Hz

Outline Drawing:



DS-B512-03152015-Rev0



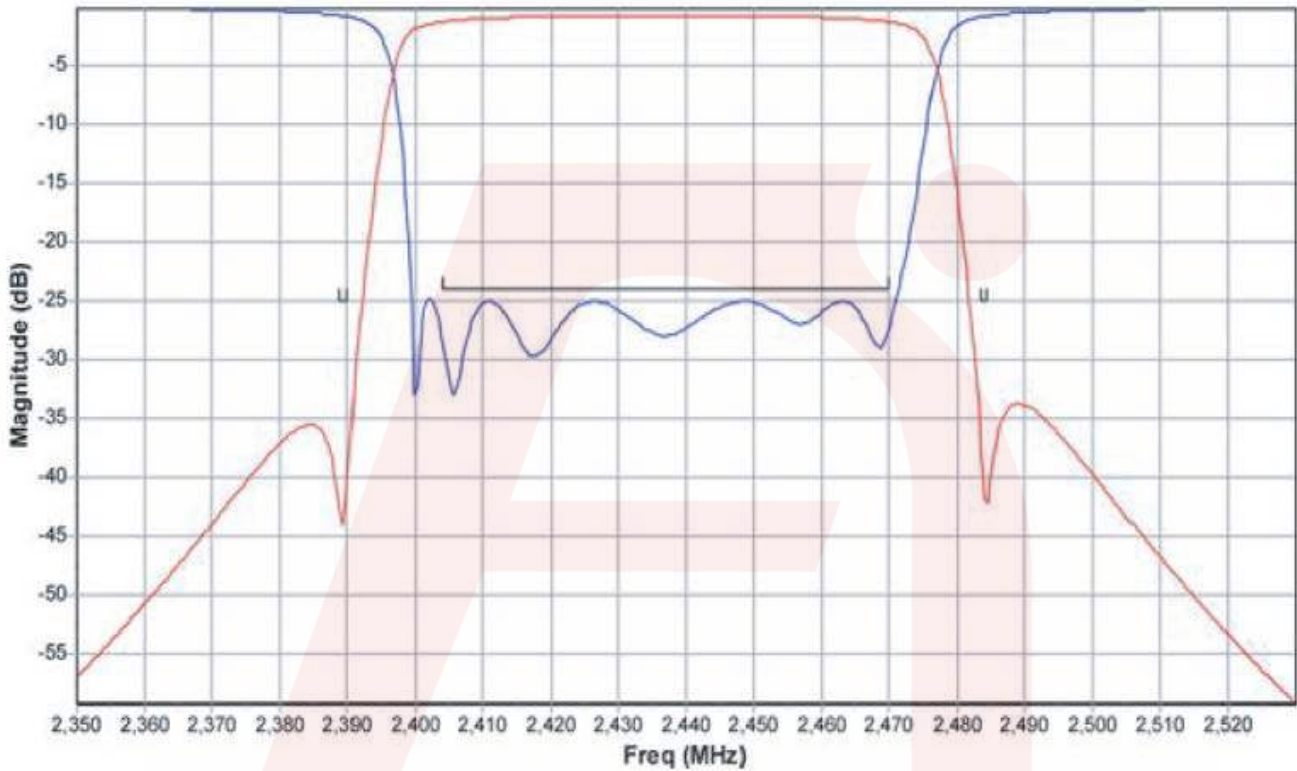
WiFi 2441.5 MHz Cavity Bandpass Filter

ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AB2441B512



Plot:



DS-B512-03152015-Rev0