



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2640 MHz Bandpass Filter

Part Number: AE2640B11686



Electrical Specifications

Center Frequency: 2640 MHz
Bandwidth: 53 MHz
Passband: 2613.5-2666.5 MHz
Passband Insertion Loss: 1.0 dB Max.
Passband Ripple: 0.4dB Max.
VSWR: 1.5:1 Max.
Rejection 1: 43 dB Min.@ 2440 MHz
Rejection 2: 43 dB Min.@ 2840 MHz
Power Handling: 10W
Impedance: 50 Ohms

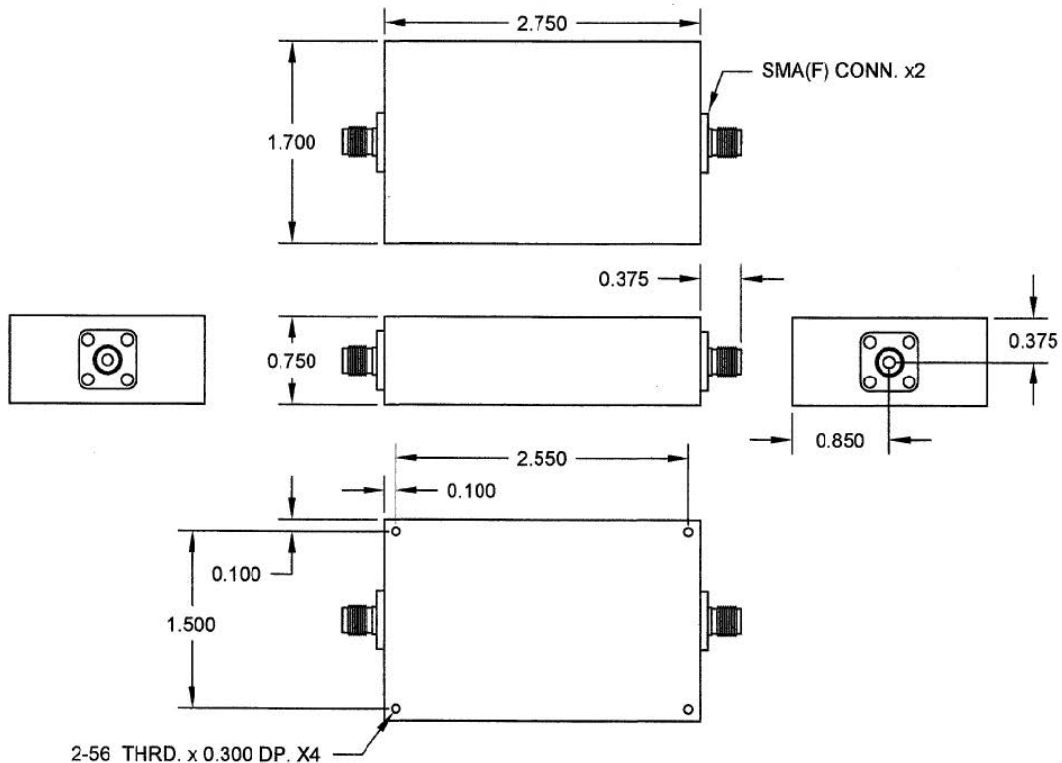
Mechanical

Connector Type: SMA(Female)
Dimensions: 2.75" X 1.7" x 0.75" Approx.
 (69.85 X 43.18 X 19.05 mm Approx.)

Environmental

Operating Temperature: -45°C to +85°C
Storage Temperature: -55°C to +95°C

Outline Drawing:



2 decimal places: +/-0.01 inches [+/-0.3mm]
 3 decimal places: +/-0.005 inches [+/-0.13mm]
 Angles: +/-1 Deg.

*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.
 The actual outline drawing may be changed once the product will manufacture after the order received.*

70 Outwater Lane Phone: (973) 772-4242
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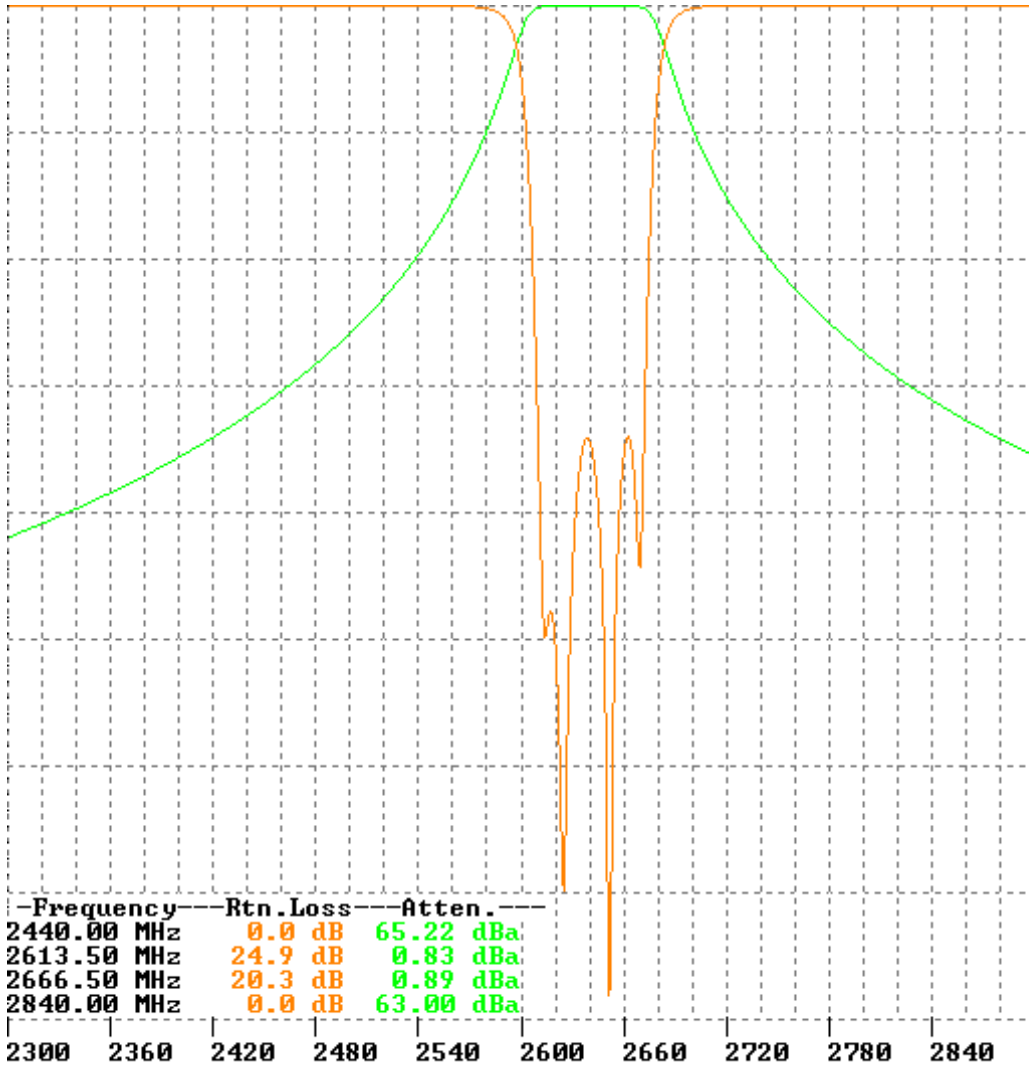
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Simulation Plot:



From 2300 MHz
To 2900 MHz
Marker = 2300.000

Atten. 20.000 dB/div.
Ref= 0.610181
84.676 dB
84.066 dB <Rel.>
Rtn. loss 5 dB/div.
ref= 0
0.003 dB

1.0 dB Bw 66.93 MHz
f change = 0.000

Note: This is a simulated response plot. Actual performance might differ.

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