



1087.5 MHz Cavity Bandpass Filter

Part Number: AE1087.5B10562



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Electrical specifications

Center Frequency: 1087.5MHz
Bandwidth: 255 MHz
Passband: 960-1215 MHz
Passband Insertion Loss: 1.00 dB Max.
Passband Ripple: <0.2 dB
VSWR: 1.5:1 Max
Rejection: 50 dB Min @ 5 – 700 MHz
Rejection: 50 dB Min @ 1700 MHz – 6000 MHz
Impedance: 50 Ohms In/Out
Power Handling: 200 W CW

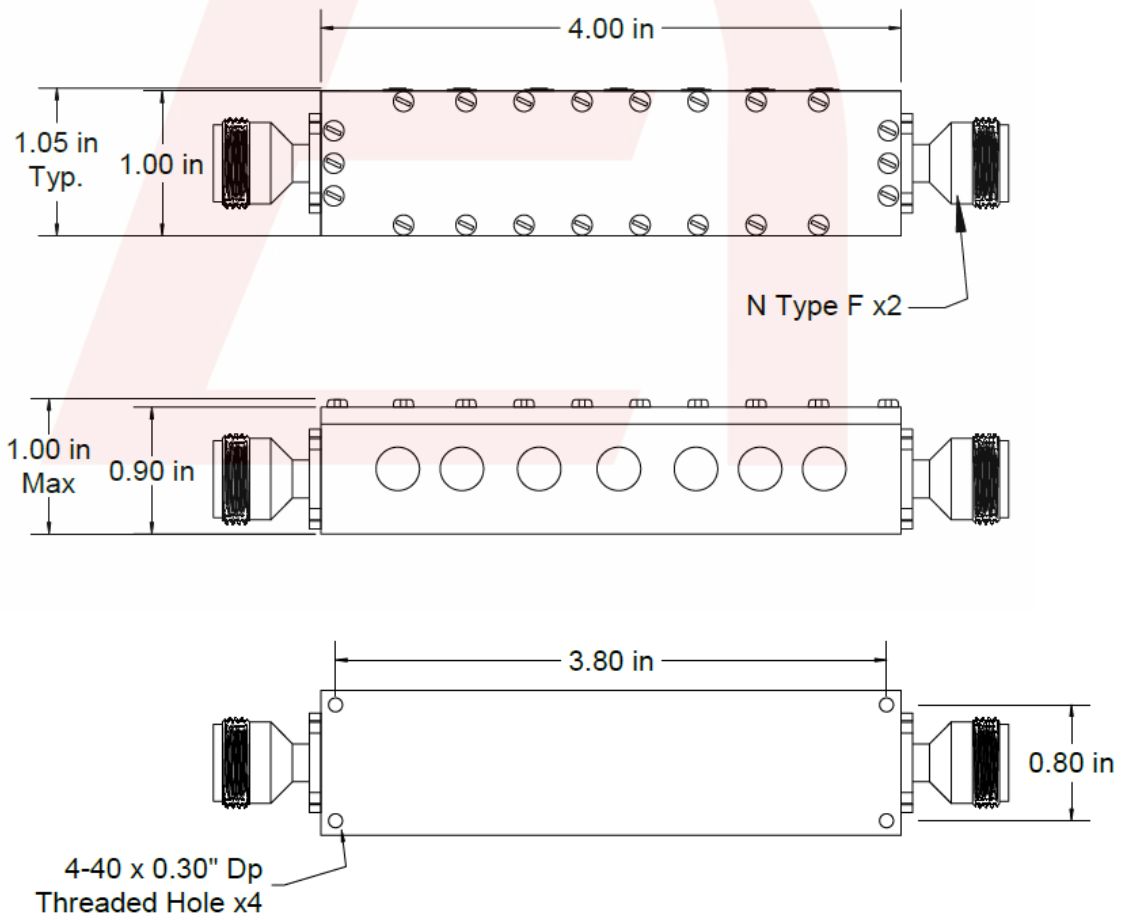
Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: N-Type (F)
Dimensions: 4 x 1 x 1 in

Environmental

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

Outline Drawing:



DS-B10562-10312024-Rev3



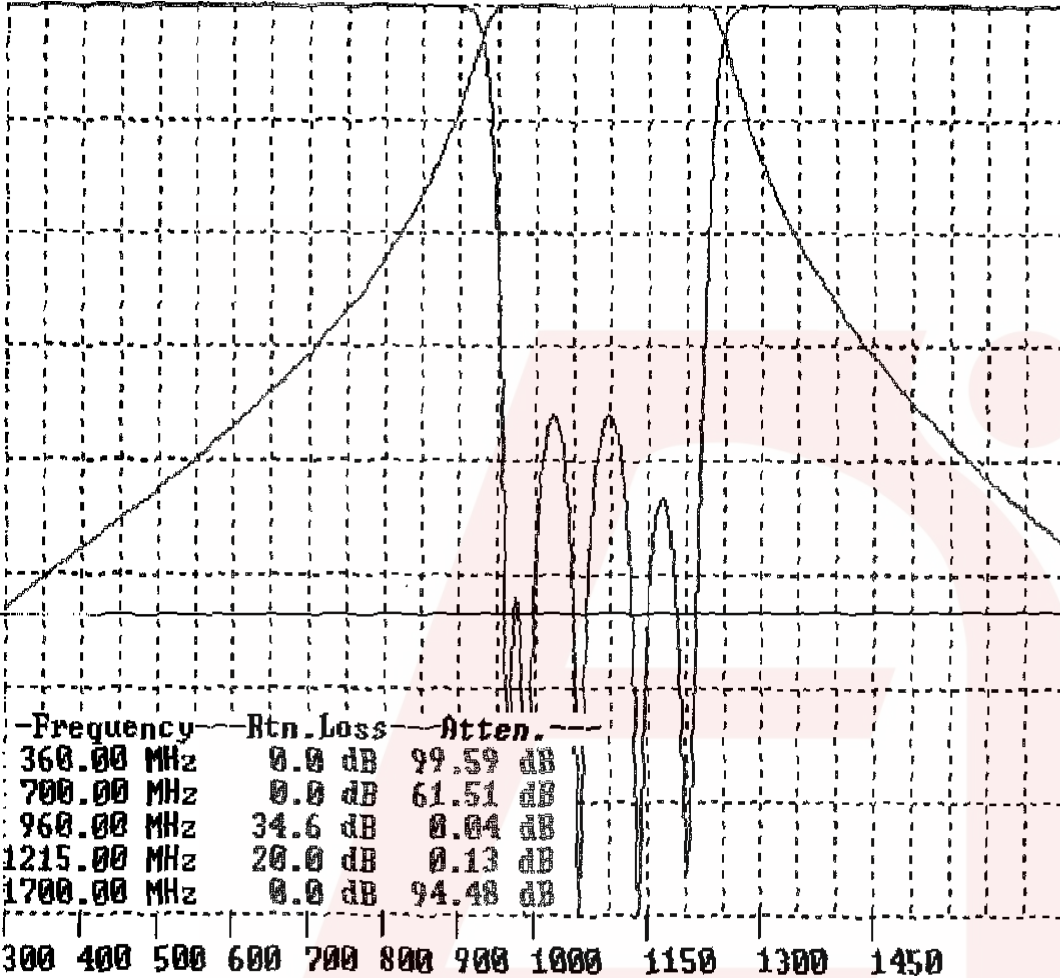
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Response Plot:



From 300 MHz
To 1700 MHz
Marker = 300.000

Atten. 20.000 dB/div.
Ref = 0.0036163
106.367 dB
106.283 dB (Rel.)
Rtn. loss 5 dB/div.
ref = 0
0.001 dB

0.5 dB Bw 279.41 MHz
3.0 dB Bw 302.94 MHz