



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

720 MHz LC Band Pass Filter

Part Number: AE720B11615



Electrical Specifications

Center Frequency: 720 MHz
Bandwidth: 70 MHz Min.
Insertion Loss: 1.0dB Max @ 720 MHz
Rejection1: $\geq 50\text{dB}$ @ 580 MHz
Rejection2: $\geq 50\text{dB}$ @ 860 MHz

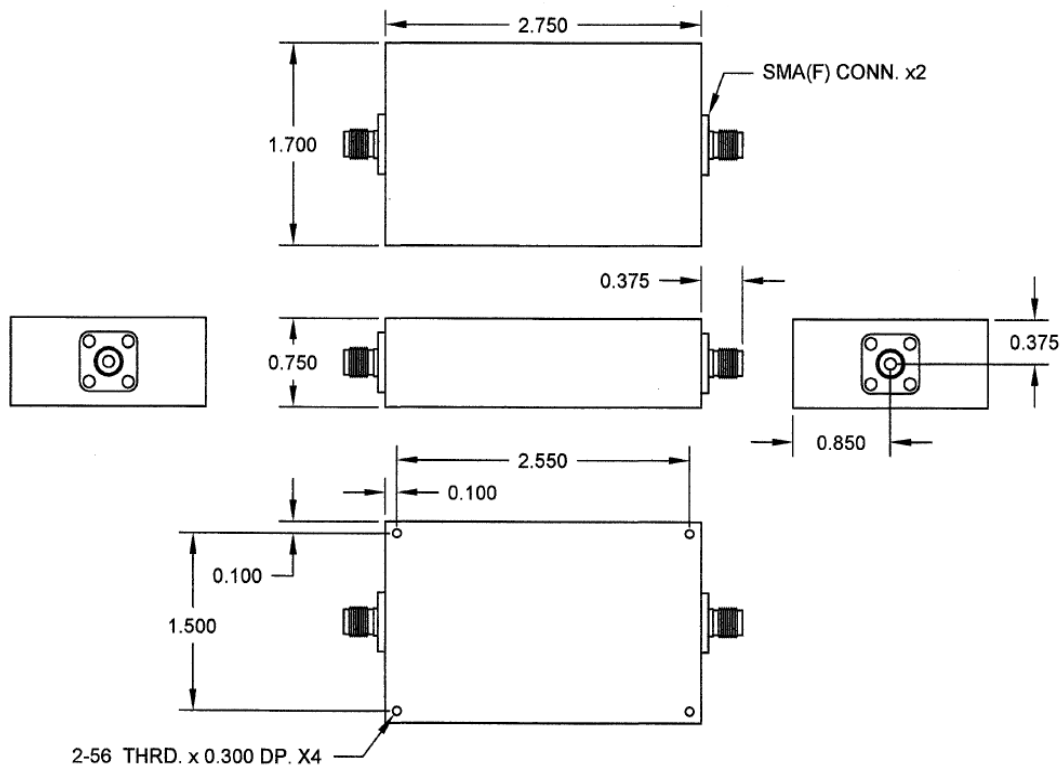
Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: SMA(F)
Dimensions: 2.75" X 1.7" x 0.75" .

Environmental

Operating Temperature: -25°C to $+70^{\circ}\text{C}$
Storage Temperature: -40°C to $+90^{\circ}\text{C}$
Shock: 10 G. 11ms
Vibration: 10 G. 5 to 200Hz

Outline Drawing:





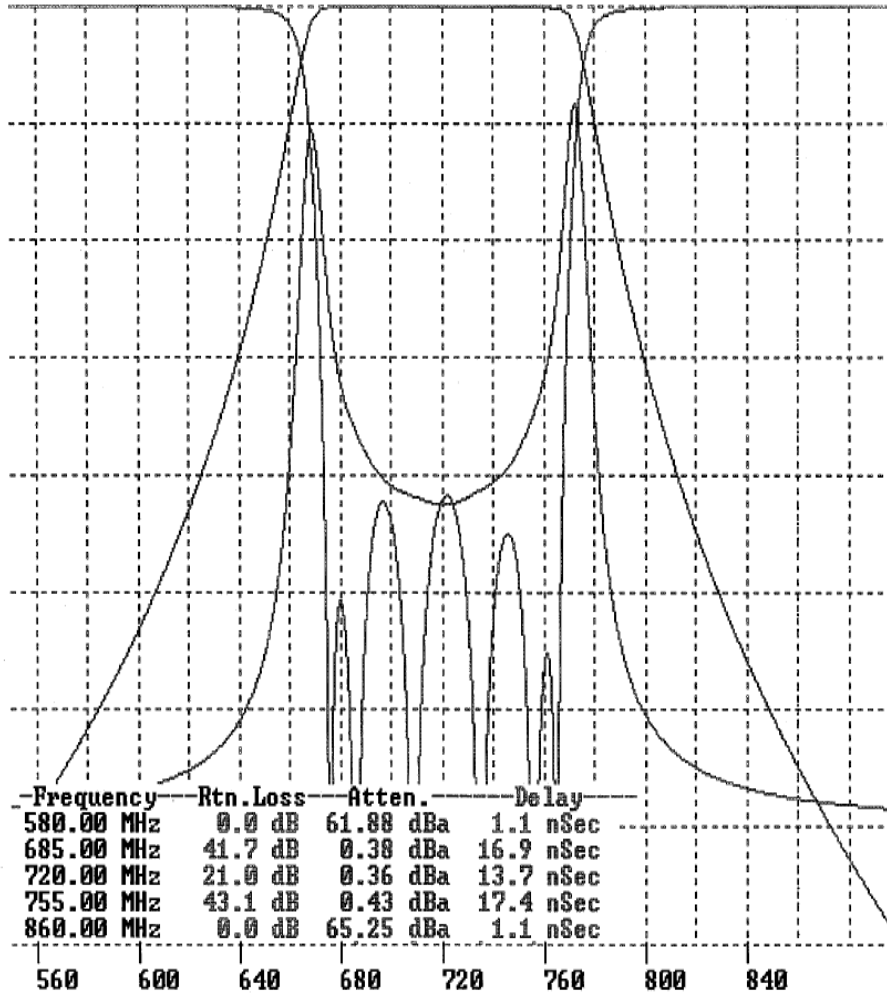
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Response Plot:



From 550 MHz
To 900 MHz
Marker = 859.981

Atten. 10.000 dB/div.
Ref= 0.327341
65.245 dB
64.918 dB (Rel.)
Rtn. loss 5 dB/div.
ref= 0
0.031 dB
Delay 5.0 nSec/div.
ref= 35
1.130 nSec

3.0 dB Bw 107.17 MHz

File: 720MHzBP Ql=150 Qc=1500 Qt=914 User: wdecormier