ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1842.5 MHz Cavity Bandpass Filter

Part Number: AE1842.5B10344

ISO 9001 REGISTERED FIRM

Electrical Specifications

Center Frequency: 1842.5 MHz
Bandwidth: 25 MHz
Passband : 1830 MHz to 1855 MHz
Insertion Loss: < 0.75dB @ 1830 MHz to 1855 MHz
Return Loss: >15dB @ 1830 MHz to 1855 MHz
Rejection: >70dB @ 1700 MHz to 1748 MHz
Impedance: 50 Ohms

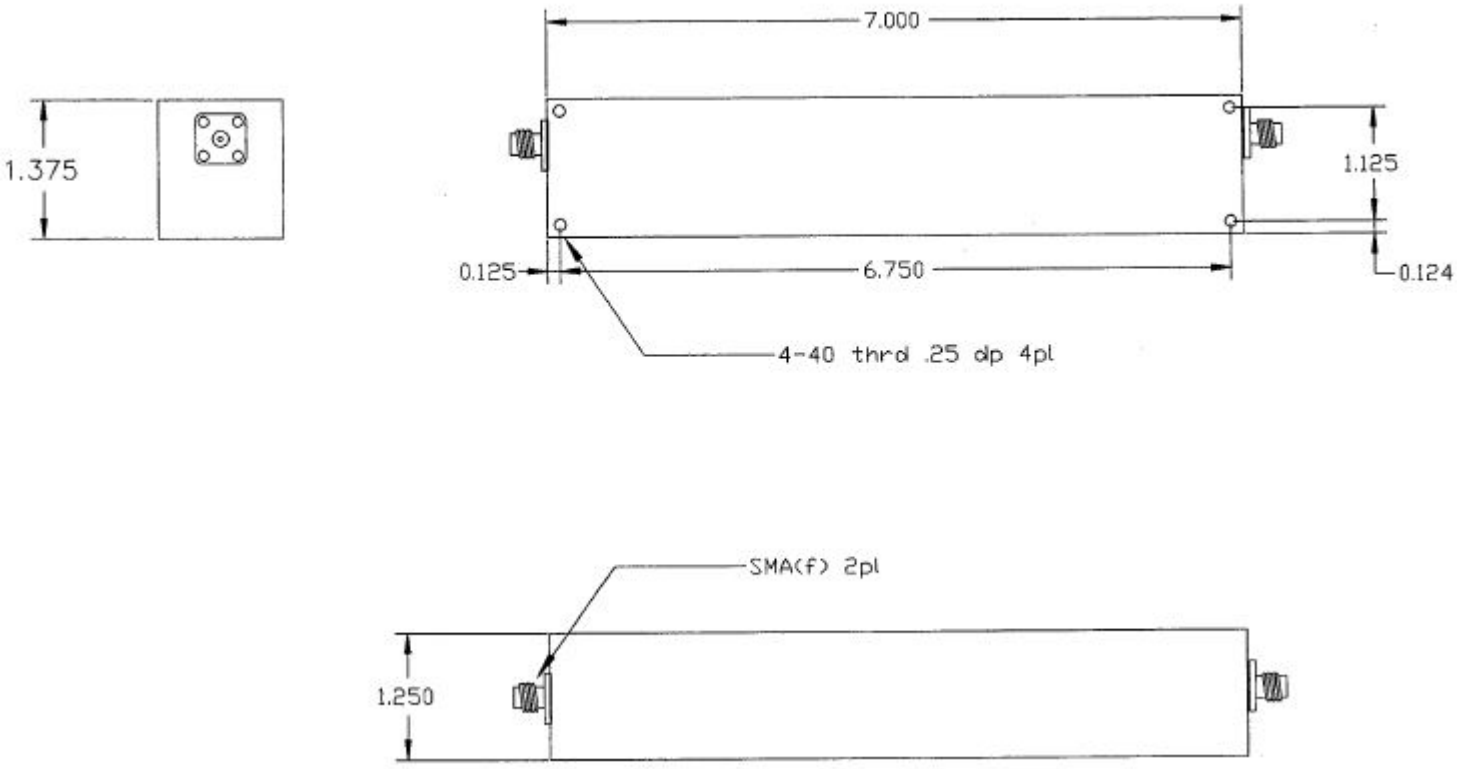
Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: SMA(Female)
Dimensions: 7.0" X 1.375" x 1.250" in.

Environmental

Operating Temperature: -25°C to +70°C
Storage Temperature: -40°C to +90°C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200Hz

Outline Drawing:



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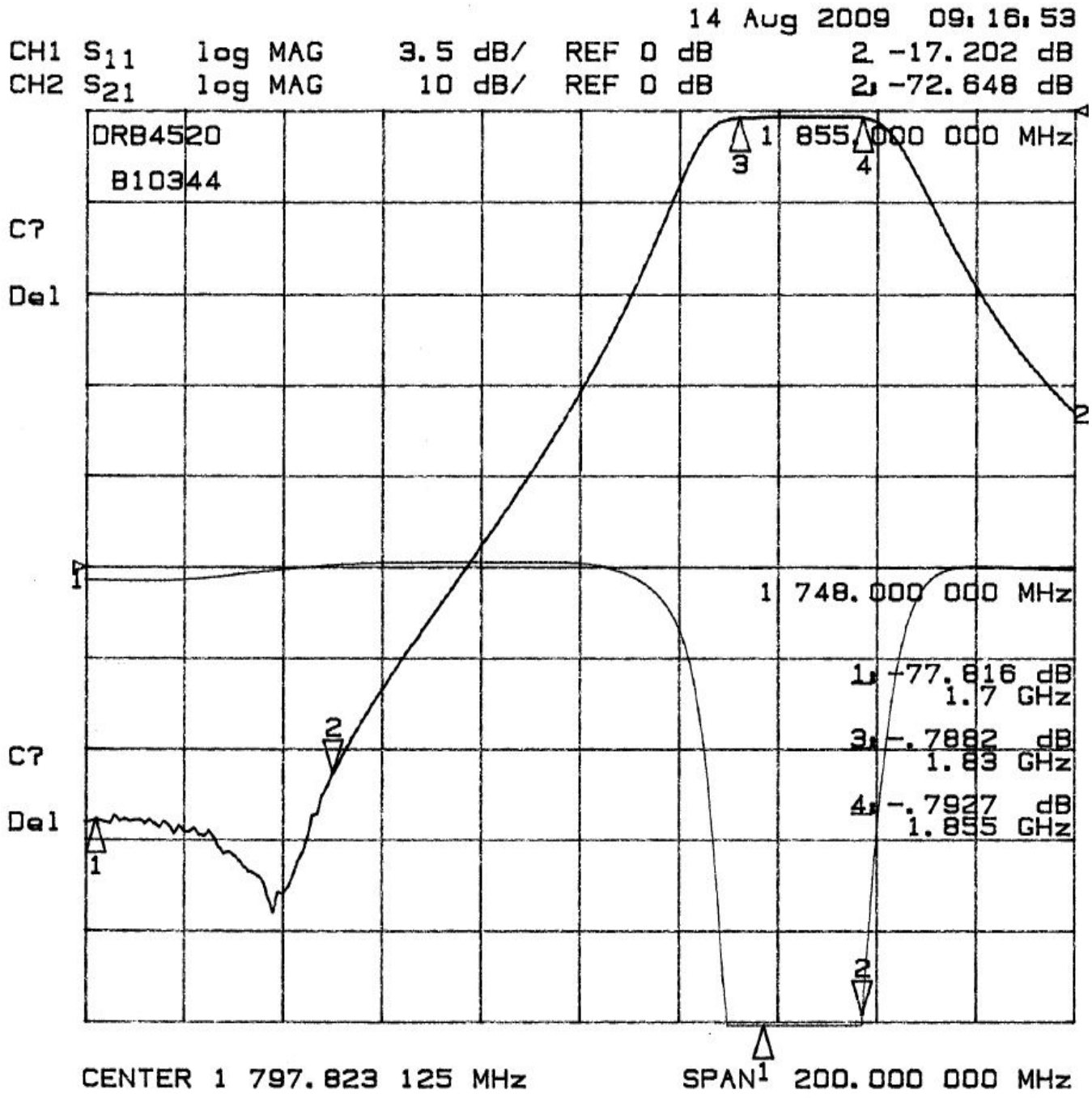
Response Plot:



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