



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

837.5 MHz Ceramic Bandpass Filter

Part Number: AM837B1390



Electrical specifications

Center Frequency: 837.5 MHz
Bandwidth: $F_0 \pm 7.5$ MHz
VSWR in BW: 1.7 : 1
Input / Output Impedance: 50 Ohms
Passband: 833.75-841.25 MHz
Passband Insertion Loss: 3.0 dB max
Passband Ripple: 1.0 dB max
Rejection: 50 dB min at 522.8-537.8 MHz
Rejection 2: 25 dB min at 676.4-691.4 MHz
Rejection 3: 25 dB min at 875-890 MHz
Power Handling: 3 W
Group delay variation: 10 nsec max

Mechanical

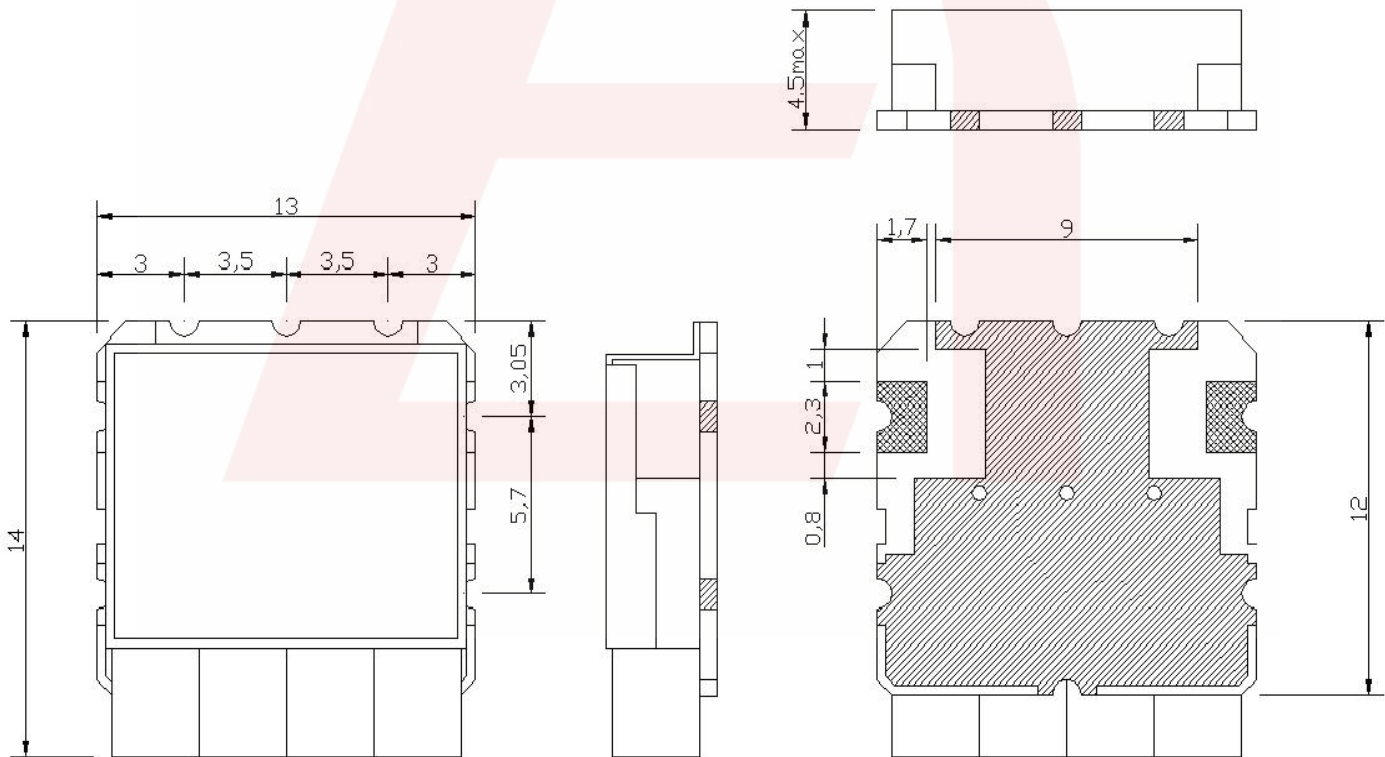
Mounting Method: SMT
Dimensions: 14 x 13 x 4.5 mm

Environmental

Operating Temperature: -20°C to +70°C
Storage Temperature: -50°C to +90°C
Shock: 10 G. 11ms
Vibration: 10 G. 5 to 200 Hz

This product is RoHs compliant.

Outline Drawing:



Unit:mm
Tolerance:±0.3

DS-B1390-04152015-Rev0



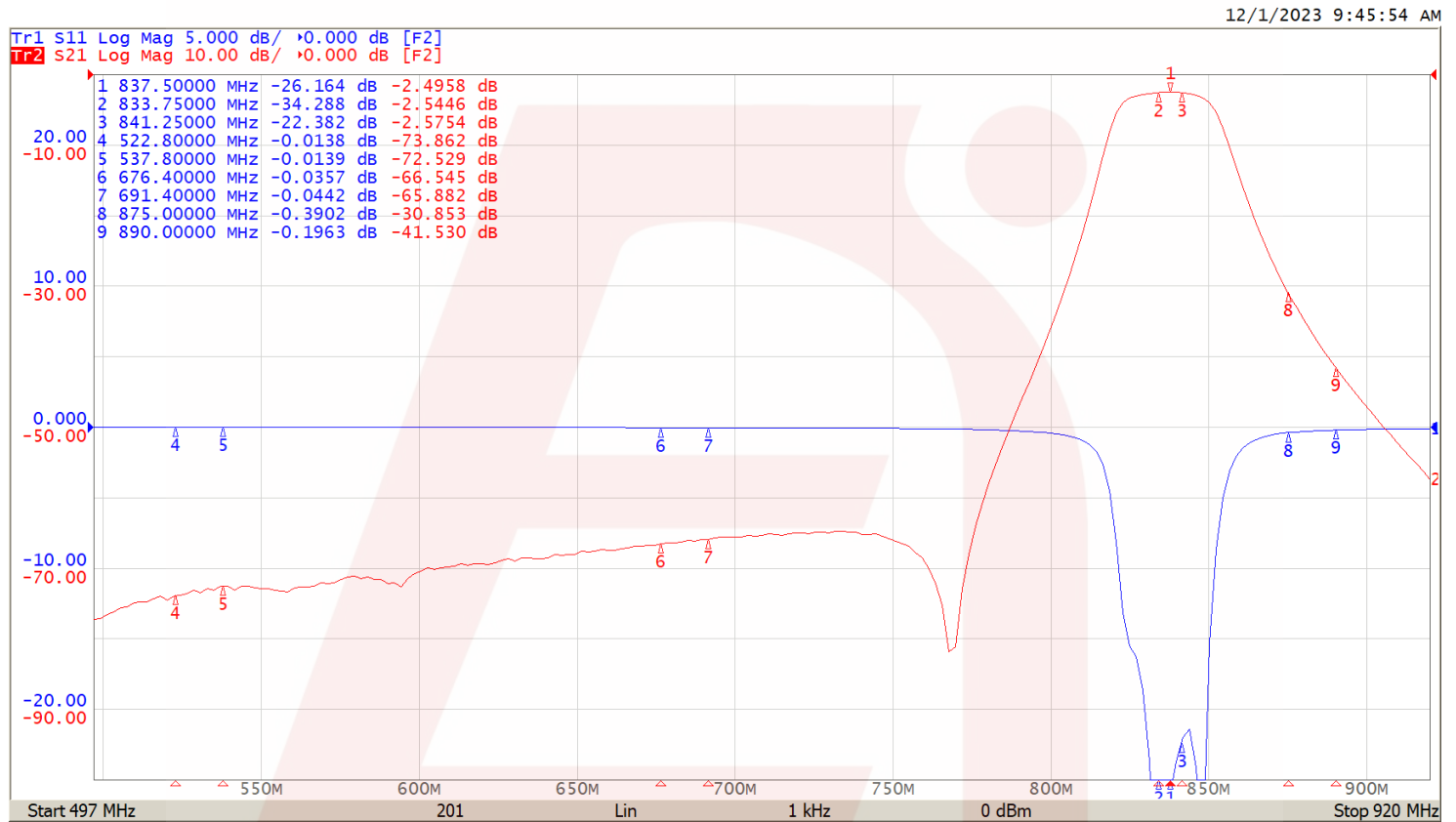
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Response Plot:



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