



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 822.5 MHz Ceramic Bandpass Filter

Part Number: AM822B1303



## Electrical specifications

**Center Frequency:** 822.5 MHz  
**Bandwidth:** 15 MHz  
**VSWR (Fo):** 1.7 : 1 min  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 815-830 MHz  
**Passband Insertion Loss:** 4.0 dB max  
**Passband Ripple:** 1.0 dB max  
**Passband Return Loss:** >14 dB  
**Rejection:** 50 dB min at 507-523 MHz  
**Rejection 2:** 50 dB min at 661.4-676 MHz  
**Rejection 3:** 25 dB min at 860-875 MHz  
**Power Handling:** 3 W max  
**Group delay variation (BW):** 10 nsec max

## Mechanical

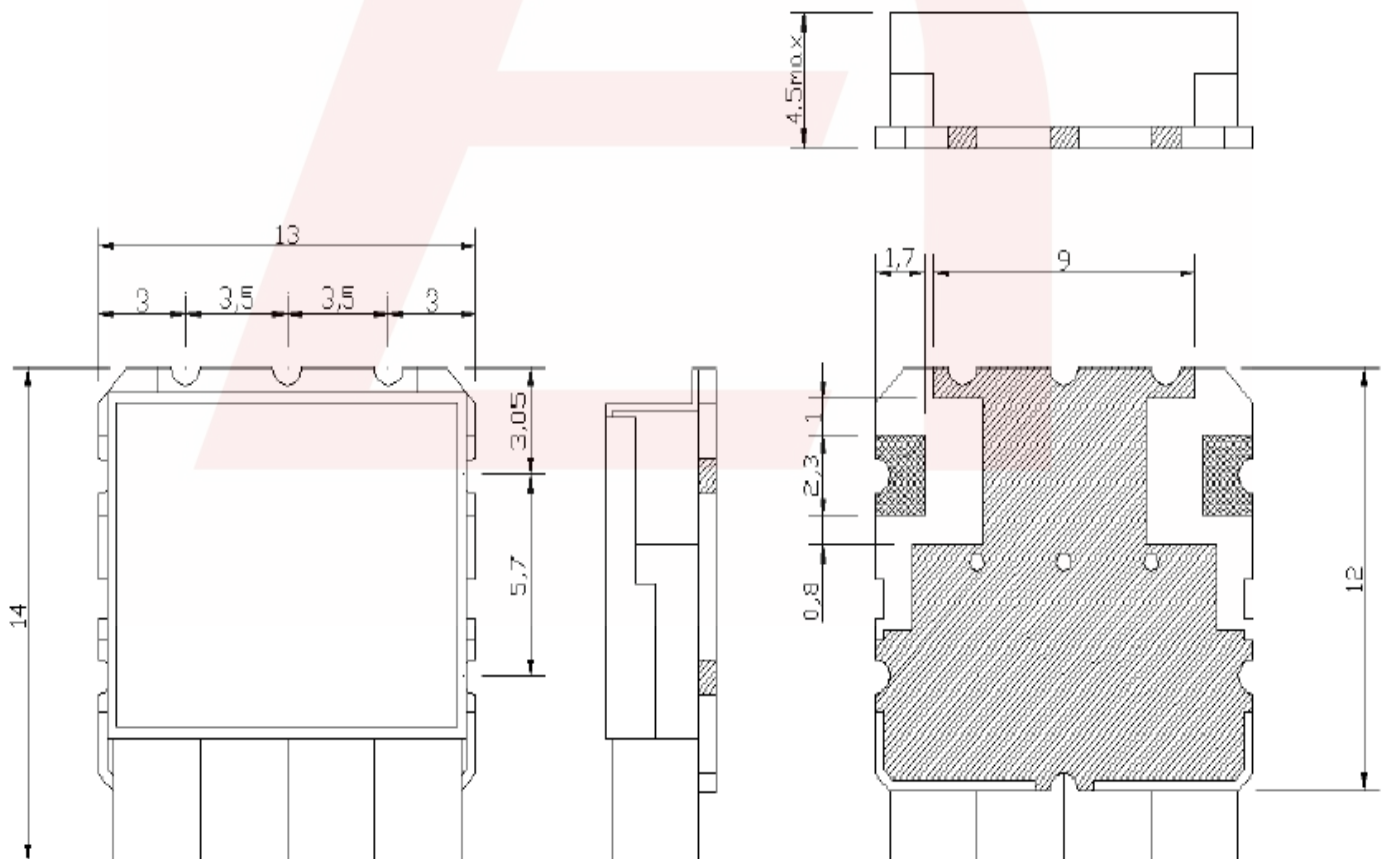
**Mounting Method:** SMT  
**Dimensions:** 14 x 13 x 4.5 mm

## 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:



DS-B1303-02092015-Rev0



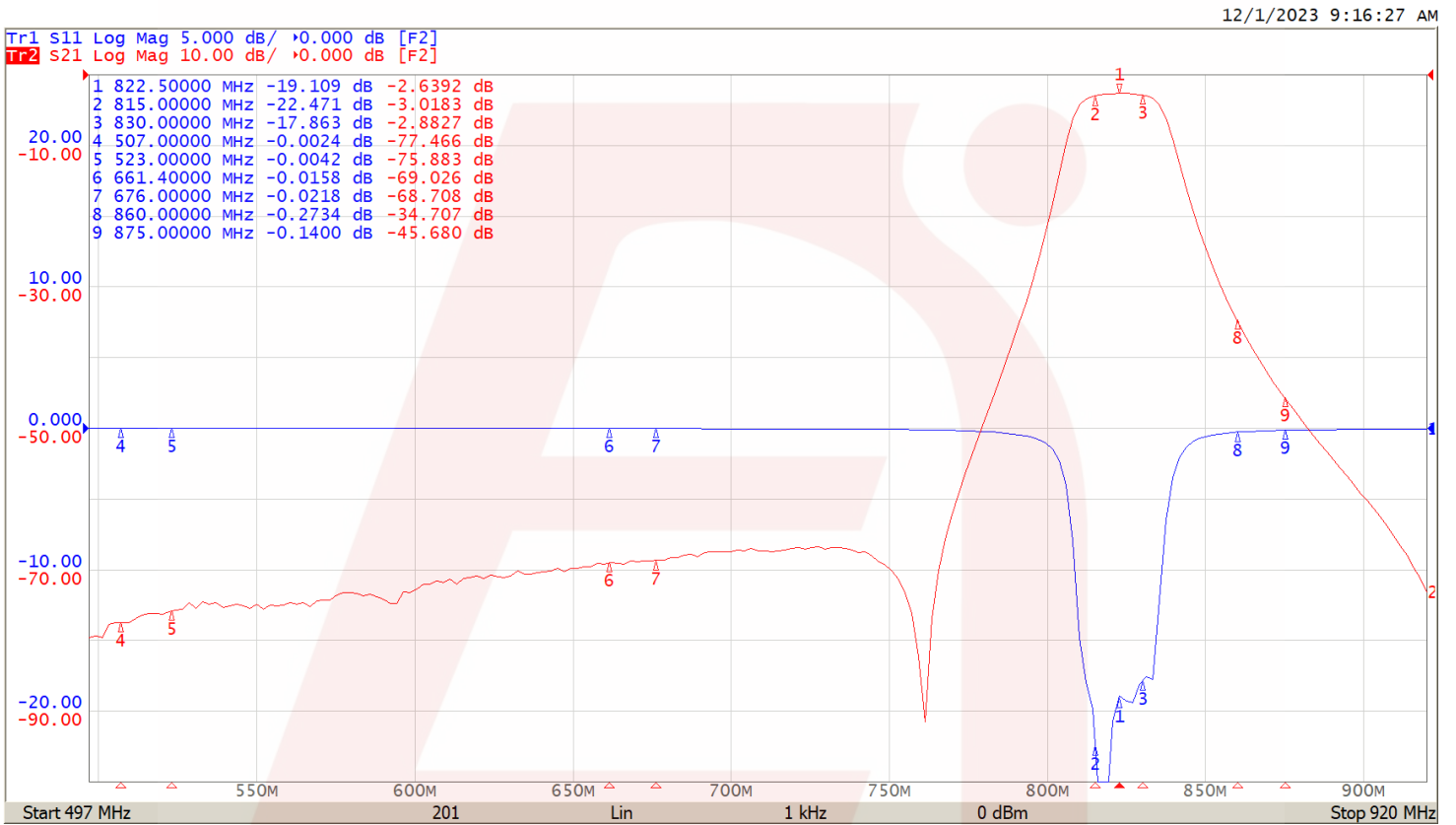
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## Response Plot:



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