



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

# 829 MHz Ceramic Bandpass Filter

**Part Number: AM829B1242**



## Electrical specifications

**Center Frequency:** 829.5 MHz  
**Bandwidth:**  $F_0 \pm 5.5$  MHz  
**VSWR:** 1.5 : 1  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 826.75-832.25 MHz  
**Passband Insertion Loss:** 5.5 dB max  
**Passband Ripple:** 0.5 dB max  
**Rejection:** 32dB min at DC-700 MHz  
**Rejection 2:** 17dB min at 700-806 MHz  
**Rejection 3:** 12dB min at 806-815 MHz  
**Rejection 4:** 32dB min at 851-869 MHz  
**Rejection 5:** 52dB min at 869-880 MHz  
**Rejection 6:** 32dB min at 880-3000 MHz  
**Power Handling:** 30 dBm max

## Mechanical

**Mounting Method:** SMT  
**Dimensions:** 45 x 22 x 7.5 mm

## Environmental

**Operating Temperature:** -40°C to 80°C  
**Storage Temperature:** -50°C to +90°C

**This product is RoHs compliant.**

## Outline Drawing:

