



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

This product is RoHs compliant.

Outline Drawing:

