ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

829 MHz Ceramic Bandpass Filter

Part Number: AM829B1242

ISO 9001 REGISTERED FIRM

Electrical specifications

Center Frequency: 829.5 MHz
Bandwidth: Fo ± 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

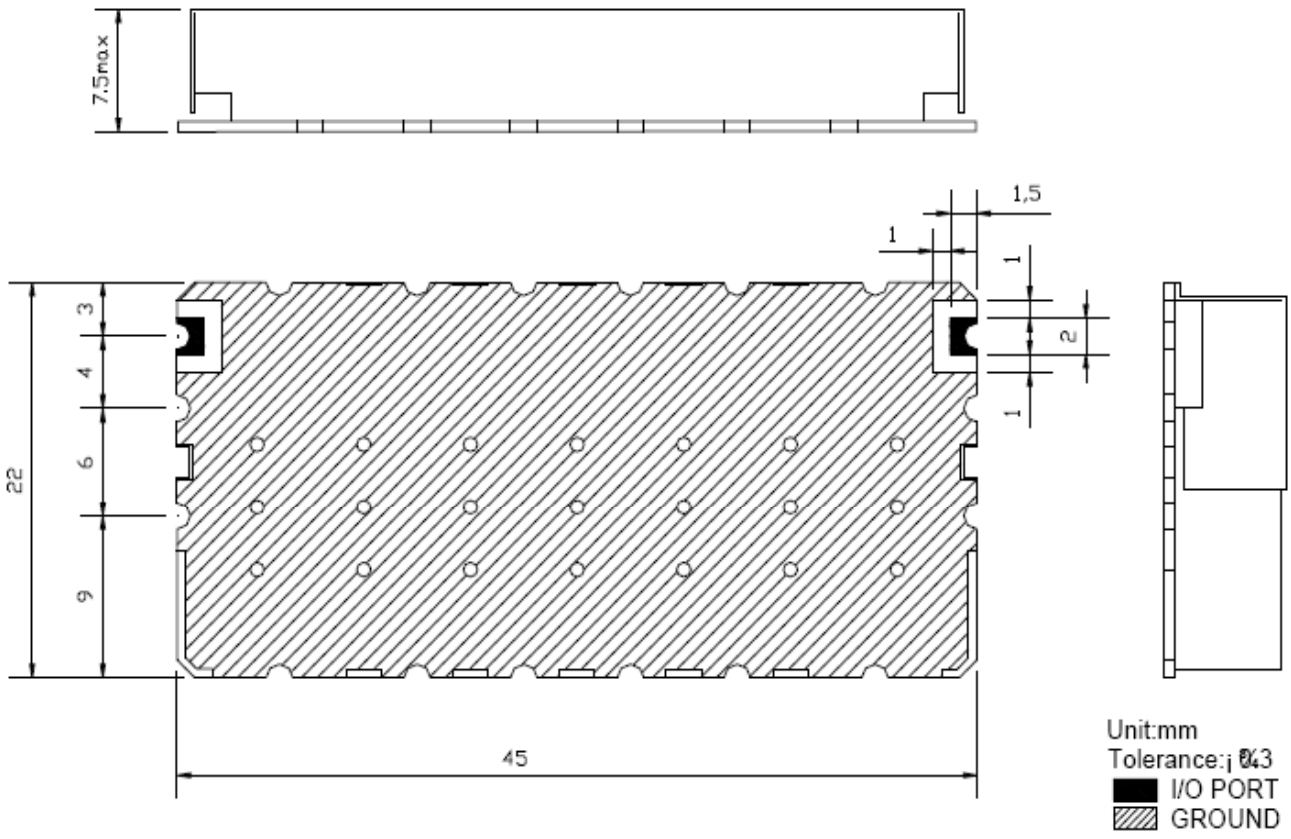
Mounting Method: SMT
Dimensions: 45 x 22 x 7.5 mm

Environmental

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

This product is RoHs compliant.

Outline Drawing:



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