



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1843 MHz Ceramic Bandpass Filter

Part Number: AM1843B1459



Electrical specifications

Center Frequency: 1843 MHz
Bandwidth: 75 MHz min
VSWR: 1.7 : 1 max
Input / Output Impedance: 50 Ohms
Passband: 1805.5-1880.5 MHz
Passband Insertion Loss: 3.0 dB max
Passband Ripple: 1.0 dB max
Rejection: 40 dB min at 1630.2-1705.2 MHz
Rejection 2: 8 dB min at 1710-1785 MHz
Rejection 3: 38 dB min at 1994.6-2069.6 MHz
Rejection 4: 50 dB min at 2184.2-2259.2 MHz
Rejection 5: 50 dB min at 2359-2434 MHz
Power Handling: 3 watt max
Group delay variation: 10 nsec max

Mechanical

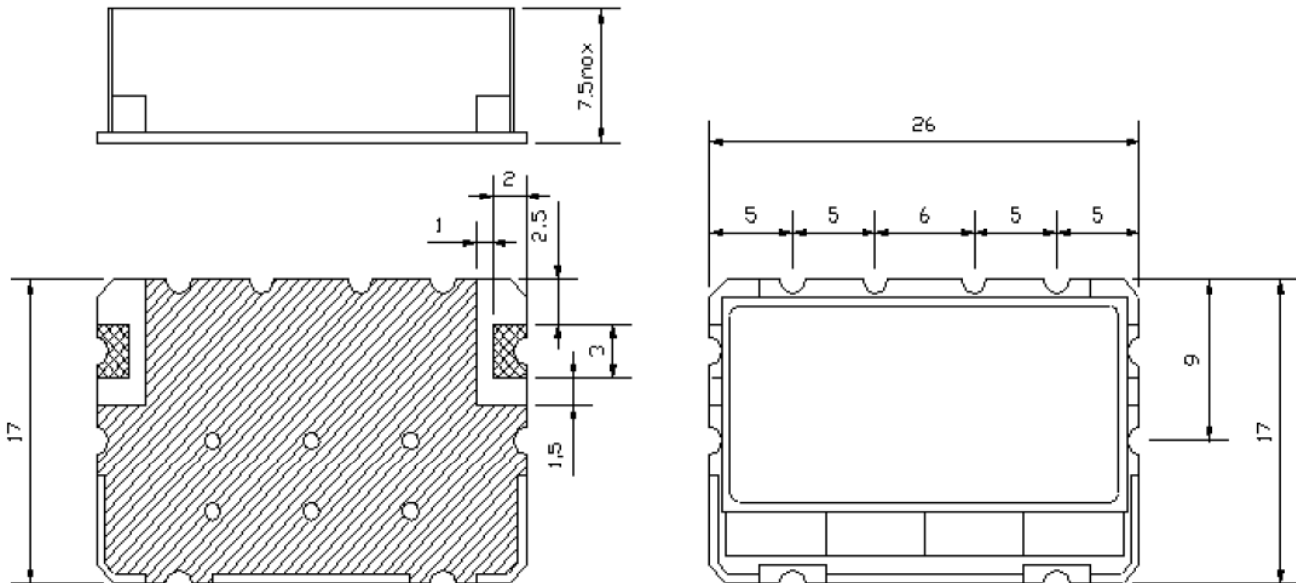
Mounting Method: SMT
Dimensions: 26 x 17 x 7.5 mm

Environmental

Operating Temperature: -20°C to 70°C
Storage Temperature: -50°C to +90°C

This product is RoHs compliant.

Outline Drawing:



Unit:mm
Tolerance:±0.3