



1842.5 MHz Ceramic Band Pass Filter



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AM1842B1659

Electrical Specifications

Center Frequency: 1842.5 MHz
Bandwidth: $F_0 \pm 37.5$ MHz
Insertion Loss in BW: 3.5 dB Max
Ripple in BW: 2.0 dB Max
Return Loss: 15.0 dB Min
Attenuation: >50 dB @ DC~1710 MHz
>40 dB @ 1710~1785 MHz
>35 dB @ 1910~2200 MHz
Input Power: 5.0 W Max

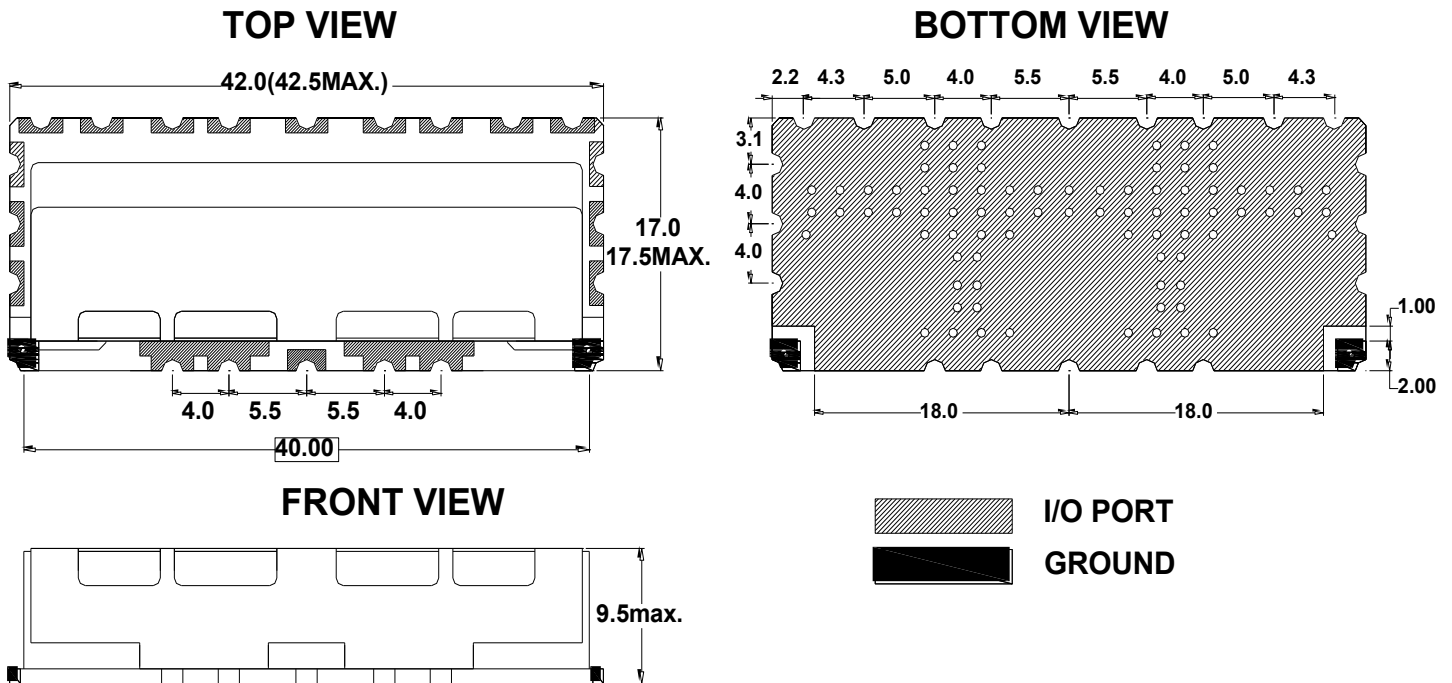
Mechanical

Mounting Method: SMT
Dimensions: 42.0 x 17.0 x 9.5 mm

Environmental

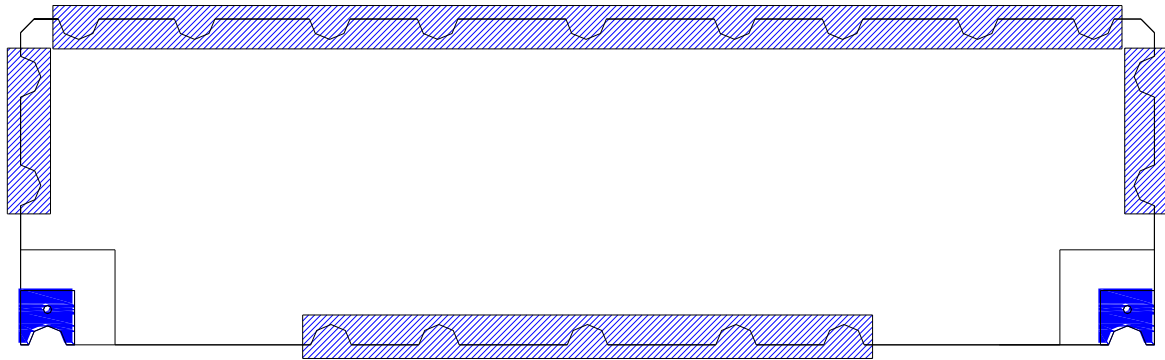
Operating Temperature: -40 to +85° C

Outline Drawing:





PCB Layout:



 GROUND SOLDERING POINT
 I/O PORT SOLDERING POINT



1842.5 MHz Ceramic Band Pass Filter



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AM1842B1659

Response Plot:

