



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

**GSM Band / 925-960 MHz LC Band Notch /
Band Stop Filter for Outdoor**
Part Number: AE942N2242-O



Electrical Specifications

Notch Center Frequency: 942 MHz
Notch Frequency range: 925.2-960 MHz
Notch Rejection: $\geq 40\text{dB}$
Passband low side of Notch: 80-850 MHz
Passband High side of Notch: 1040-3800 MHz
Insertion loss in Passband: $\leq 2\text{dB}$
Passband Edge Insertion loss1: $\leq 3\text{dB @}875\text{ MHz}$
Passband Edge Insertion loss2: $\leq 3\text{dB @}1000\text{ MHz}$
Impedance: 50 Ohms
Power Handling: $\leq 2\text{ Watts}$

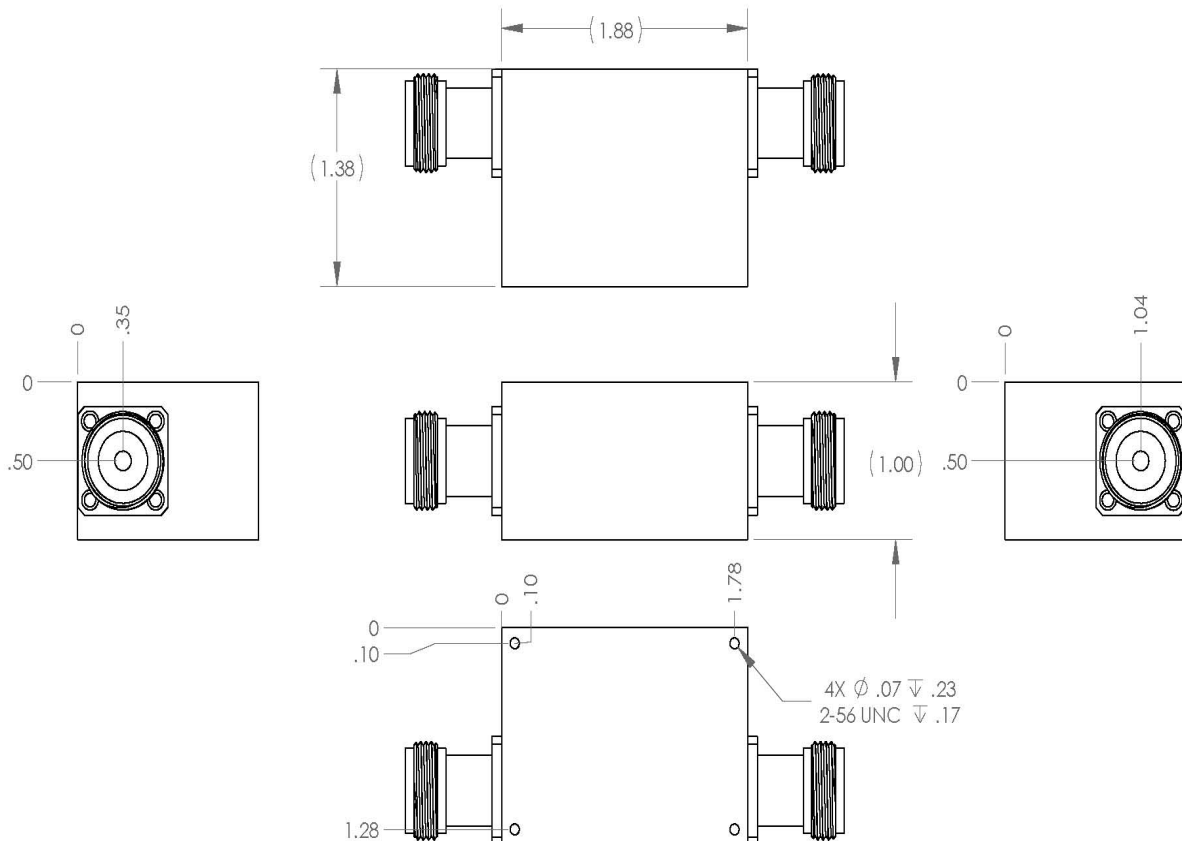
Mechanical

Connector Type: N-type(F)
Dimensions: 1.88 X 1.38 X 1.00 in.

Environmental

Operating Temperature: -20°C to $+70^{\circ}\text{C}$
Storage Temperature: -40°C to $+85^{\circ}\text{C}$
Shock: 10 G. 11ms
Vibration: 10 G. 5 to 200Hz
Weatherproof Rating: IP67

Outline Drawing:



Tolerance: +/-0.01 inches [+/- 0.3mm]

Angles: +/- 1 Deg.

*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

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