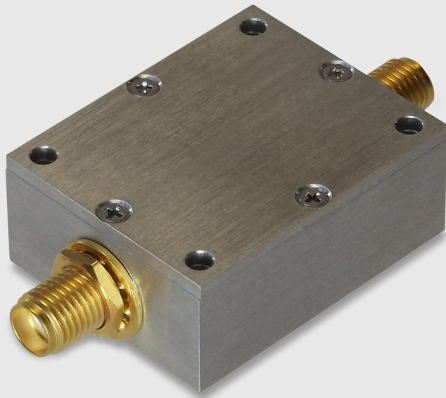


AFL1S43X 433 MHz ISM Low Pass Filter



AFL1S43X Low Pass Filter

AMP's AFL1S43X filter is designed for use on 433 MHz ISM receivers. When placed in-line between the receiver and antenna, the filter provides greater than 30 dB of attenuation above the 433 MHz band. These filters are an effective way to reduce interference from other communication devices that may be interfering with your signal.

The AFL1S43X filter is a compact, yet rugged filter designed to IP67 for good environmental sealing. If the AFL1S43X filter does not meet your exact specification, contact us for a custom solution.

Specifications

Passband Characteristics

Frequency Range: <450 MHz
Insertion Loss: <1.0 dB, Typical
VSWR: <2:1

Stopband Characteristics

Frequency Range: >675 MHz
Insertion Loss: >30 dB
VSWR: >20:1

Power Handling

Maximum: 10 Watts @ 25C*

Coupling

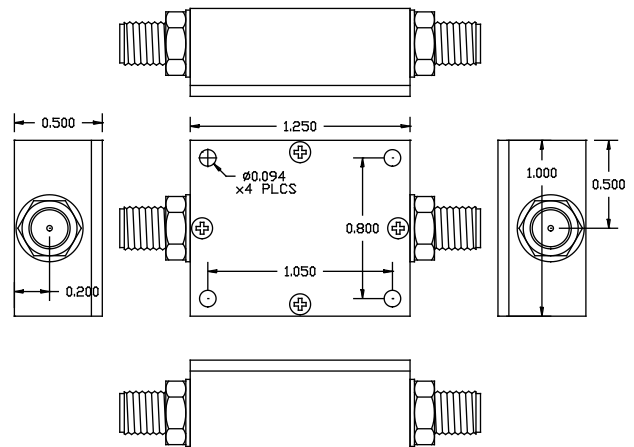
Standard: AC
Optional Integrated Bias Tees: DC, 150 mA Maximum

Mechanical Characteristics

Dimensions: 1.25" x 1.00" x 0.50"
Material: CNC Machined T6061-T6 Aluminum
Finish: Clear Iridite
Weight: <1 oz.
Connectors: SMA Female

Environmental

Temperature: -20C to +50C
Seal Rating: IP67



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