



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

4650 MHz Cavity Band Pass Filter

Part Number: AE4650B11712



Electrical Specifications

Center Frequency: 4650 MHz
Passband: 4350-4950 MHz
Insertion Loss: 1.5 dB max
Return Loss: 15 dB Min @ Passband
Rejection1: 20 dB Min @ 4280 MHz
Rejection2: 20 dB Min @ 5020 MHz
Impedance: 50 Ohms
Power Handling: 35 W CW max

Mechanical

Mounting Method: 6-32 Threaded Holes
Connector Type: N(F)
Dimensions: 4.2" x 4.04" x 2.48"

Environmental

Operating Temperature: -40°C to +70°C
Storage Temperature: -55°C to +85°C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200Hz

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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903 MHz Cavity Band Pass Filter

Part Number: AE903B11899



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Response Plot:

