

758~788 MHz Cavity Notch Filter

Part Number: AE773NS2164



Electrical Specifications

Reject Frequency Range: 758~788 MHz

Rejection: 30 dB Min

Lower Passband: 9kHz~743MHz Upper Passband: 798~1400 MHz

Insertion Loss: 1.0 dB typical @ passband

Flatness: 0.8 dB

Return Loss: 14.0 dB Min within passband

In/Out Impedance: 50Ω

Maximum Average Power: 40 dBm (within reject band. Applicable for both ports but one at a time).

Maximum Peak Power:

Peak to average @ 10%: 4 dB Peak to average @ 1%: 6 dB Peak to average @ 0.1%: 7 dB Peak to average @ 0.01%: 8 dB Peak to average @ 0.001%: 8.5 dB Crest factor: 10 dB (duration of the maximum peaks is about 100 us)

Passive Inter-modulation (Non mandatory): <-110dBm Min (Requirement is valid with two

43dbm CW carriers delivered. PIM shall be measured in forward and reverse direction).

<u>Mechanical</u>

Connector Type: N-Type (F)

Dimensions: 278.0 x 68.0 x 66.0 mm

Environmental

Operating Temperature: -18 to +40° C Storage Temperature: -30 to +75° C Finish: Black color epoxy coating

This product is RoHS Compliant.

70 Outwater Lane Phone: (973) 772-4242 Email: sales@anatechelectronics.com
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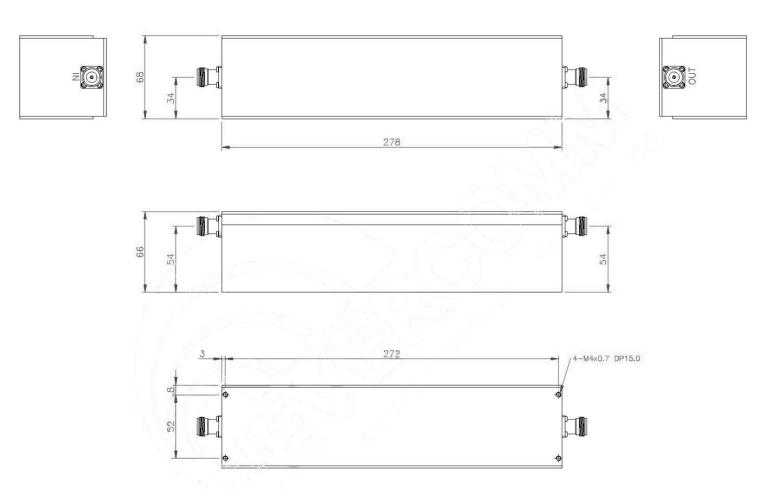


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Outline Drawing:



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