

773~803 MHz Cavity Notch Filter

Part Number: AE788NS2165



Electrical Specifications

Reject Frequency Range: 773~803 MHz

Rejection: 30 dB Min

Lower Passband: 9kHz~743MHz Upper Passband: 818~1400 MHz

Insertion Loss: 1.0 dB typical @ passband

Flatness: 0.8 dB Max

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).

Mechanical

Connector Type: N-Type (F)

Dimensions: 10.94 x 2.67 x 2.6 in.

278.0 x 68.0 x 66.0 mm

Environmental

Operating Temperature: -18 to +40° C **Storage Temperature:** -30 to +75° C

Shock: 20 G. 11ms

Vibration: 20 G. 5 to 200 Hz

Finish: Black color epoxy coating

This product is RoHS Compliant.

DS-NS2165-08202015-Rev0

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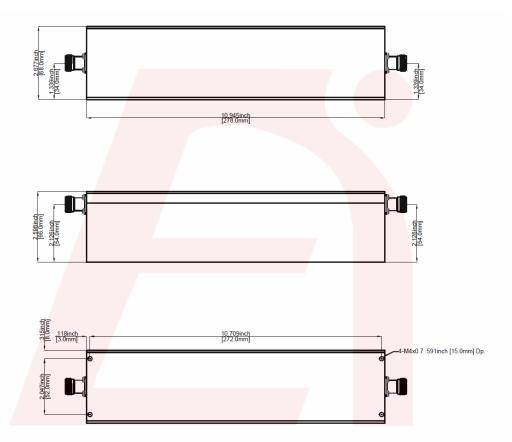


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Outline Drawing:





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