



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

3115-3315 MHz / 3400-3600 MHz Cavity Duplexer

Part Number: AE3215-3500DB5427



Electrical Specifications

Passband 1: 3115-3315 MHz
Bandwidth: 200 MHz
Insertion Loss@ Center: 0.6 dB Max
Insertion Loss@ 3115 MHz: 1.35 dB Max
Insertion Loss@ 3315 MHz: 1.35 dB Max

Passband 2: 3400-3600 MHz
1dB Bandwidth: 200 MHz
Insertion Loss@ Center: 0.6 dB Max
Insertion Loss@ 3400 MHz: 1.5 dB Max
Insertion Loss@ 3600 MHz: 1.5 dB Max

Isolation: >= 80 dB

Ripple in Passband: 0.1 dB Max
Return Loss over Passbands: 15 dB Min
Power Handling: 50 W

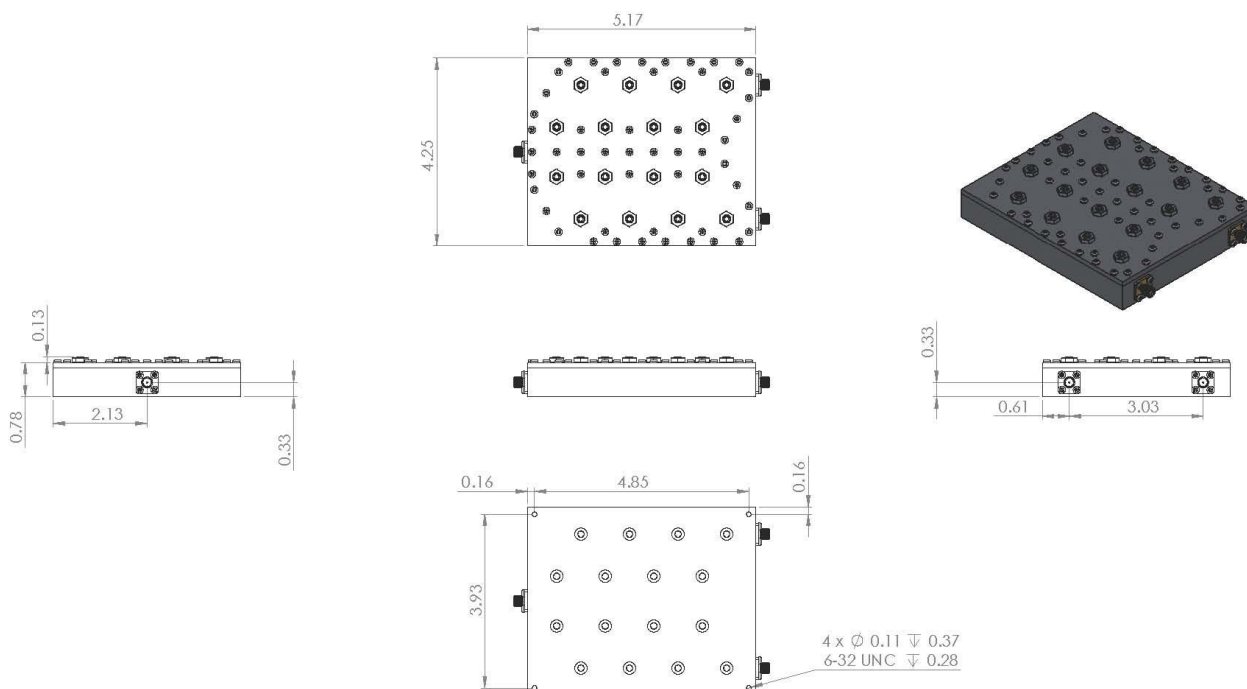
Mechanical

Connector Type: SMA (F)
Dimensions: 5.17 x 4.25 x 0.92 inches

Environmental

Operating Temperature: -40 to +70° C
Storage Temperature: -50 to +90° C

Outline Drawing:





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Simulated Response Plot

