



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

**380-385 MHz / 390-395 MHz
Cavity Diplexer
Part Number: AE382-392D487**

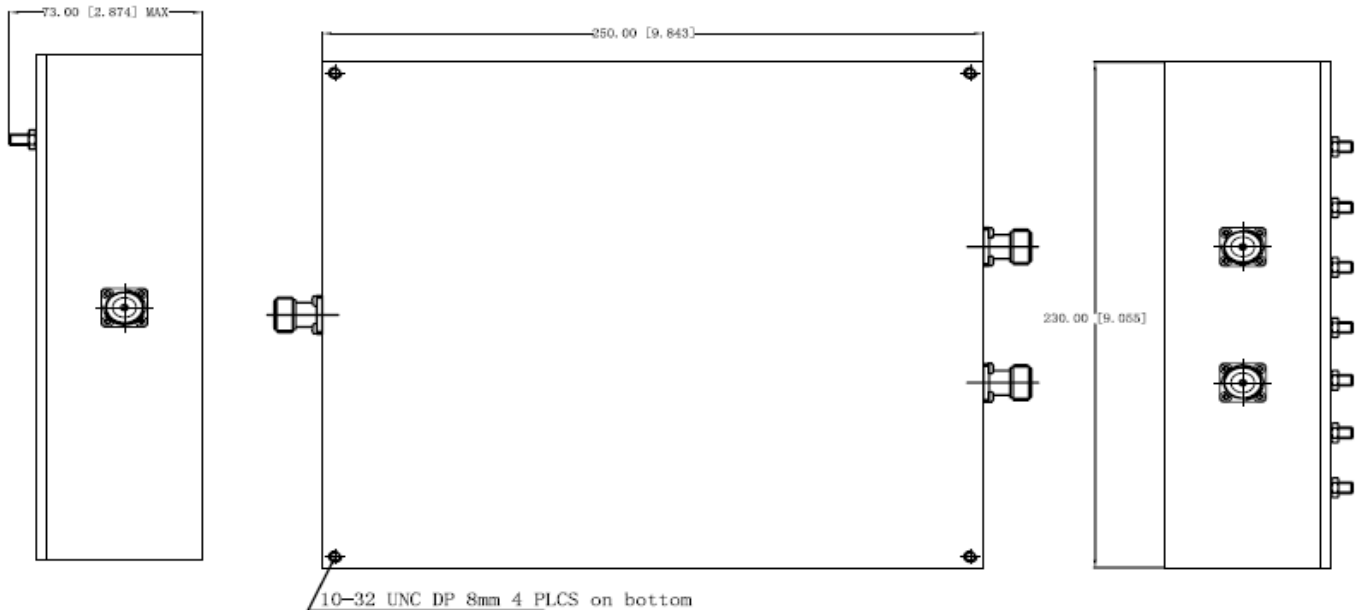


| <u>Characteristics</u> | <u>Band 1</u> | <u>Band 2</u> |
|---|-------------------------------|-------------------------------|
| Passband: | 380-385 MHz | 390-395 MHz |
| Bandwidth: | 5 MHz | 5 MHz |
| Passband Return Loss: | 20 dB | 20 dB |
| Passband Insertion Loss: | < 1.2 dB | < 1.2 dB |
| Passband Ripple: | 0.2 dB | 0.2 dB |
| Input / Output Impedance: | 50 Ohms | 50 Ohms |
| Isolation: | > 80 dB | > 80 dB |
| Power Handling: | 100 Watts | 100 Watts |
| Intermodulation Products (3th Order) | 110 dBm (2x43dBm Carriers) | 110 dBm (2x43dBm Carriers) |

| <u>Mechanical</u> | |
|-------------------------|-------------------------------|
| Mounting Method: | 10-32 Threaded Mounting Holes |
| Connector Type: | 7/16 DIN (F) |
| Dimensions: | 250 x 230 x 73 mm |

| <u>Environmental</u> | |
|-------------------------------|------------------|
| Operating Temperature: | -40 to +70 deg.C |
| Storage Temperature: | -50 to +90 deg.C |

Outline Drawing:





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Response Plots:

