



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

S-Band Diplexer for MSS Application

Part Number: AE2250-2072DB5481

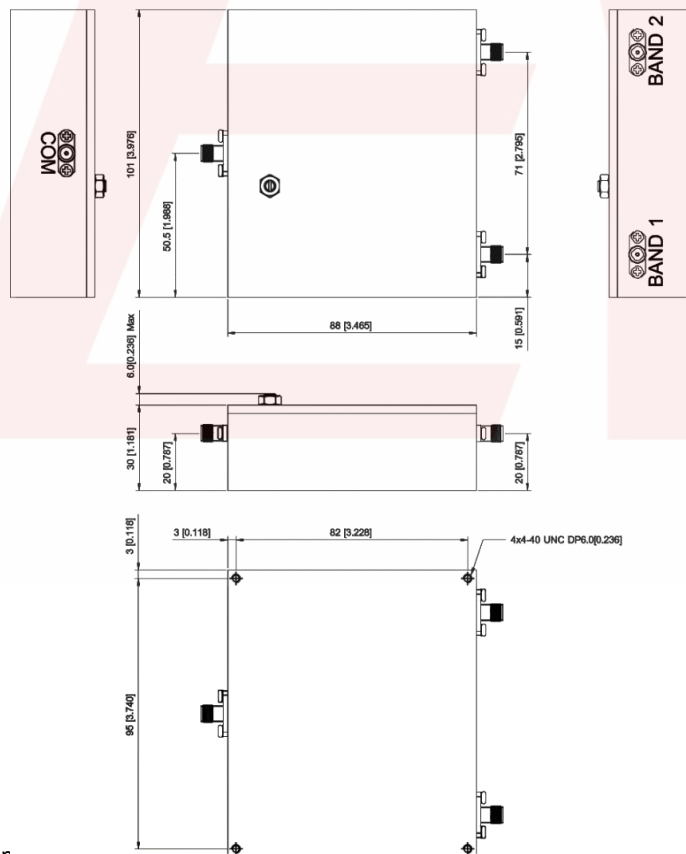


Characteristics	Band 1	Band 2
Frequency:	2200 – 2300 MHz	2025 – 2120 MHz
Insertion loss:	1.0 dB Max	1.0 dB Max
Return loss:	15 dB Min	15 dB Min
Isolation:	80 dB Min	80 dB Min
Impedance:	50 Ohms	50 Ohms
Power Handling:	35 W CW	35 W CW

Mechanical	
Mounting Method:	Threaded Holes
Connector Type:	SMA (F)
Dimensions:	3.97 x 3.46 x 1.18 in 101 x 88 x 30 mm

Environmental	
Operating Temperature:	-40°C to +70°C
Storage Temperature:	-50°C to +90°C
Shock:	20 G, 11ms
Vibration:	20 G, 5 to 2000 Hz

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.

DS-DB5481-04182025-Rev5



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Response Plot:

Band 1



Band 2



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