



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

5715-5785 / 5825-5895 MHz

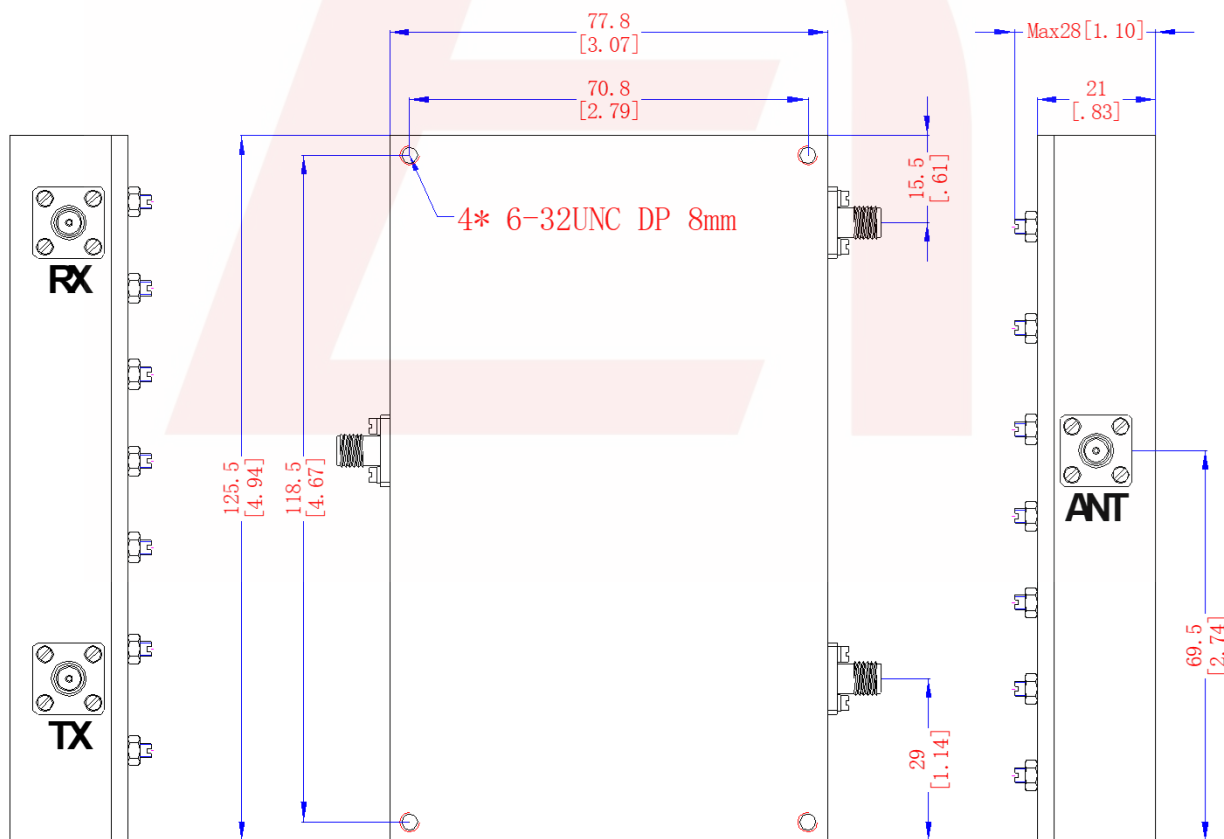
Cavity Diplexer

Part Number: AE5750-5860DP5449



Characteristics	Band 1 (RX)	Band 2 (TX)	Mechanical	
Frequency:	5715 – 5785 MHz	5825 – 5895 MHz	Mounting Method:	6-32 Threaded Holes
Insertion loss:	1.3 dB Max	1.3 dB Max	Connector Type:	SMA (F)
Return loss:	16 dB Min	16 dB Min	Dimensions:	4.94 x 3.07 x 1.10 125.5 x 77.8 x 28 mm
Isolation:	70 dB Min @ Between Bands		Environmental	
Impedance:	50 Ohms In/Out		Operating Temperature:	-40 to +70 deg.C
Power Handling:	25 W Average Max		Storage Temperature:	-55 to +85 deg.C
			Shock:	20 G. 11ms
			Vibration:	20 G. 5 to 200 Hz

Outline drawing:



Tolerance: +/-0.01 inches[+/-0.3mm]

DS-DP5449-01102024-Rev0



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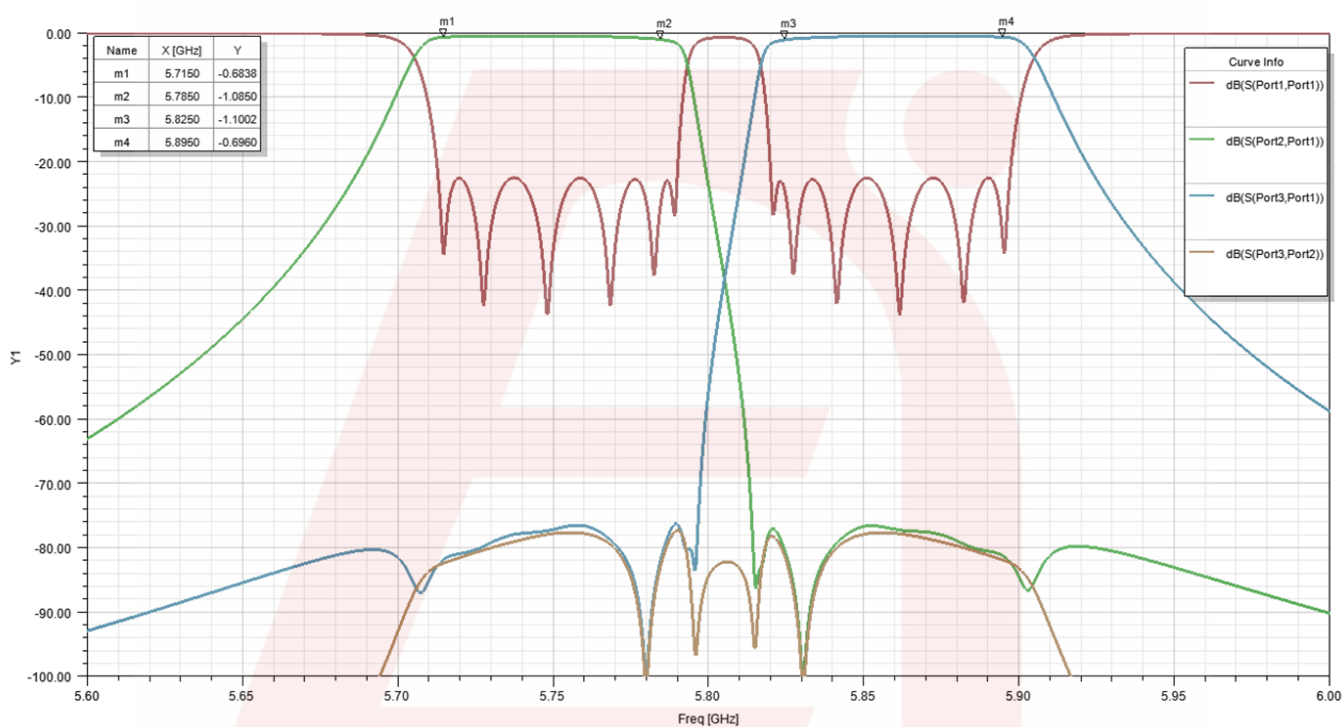
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Simulation Plot



Note: This is a simulation Plot. Actual response plot might differ.

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