



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

805.5-814.5 / 851-860MHz

Cavity Diplexer

Part Number: AE810-855DP5453

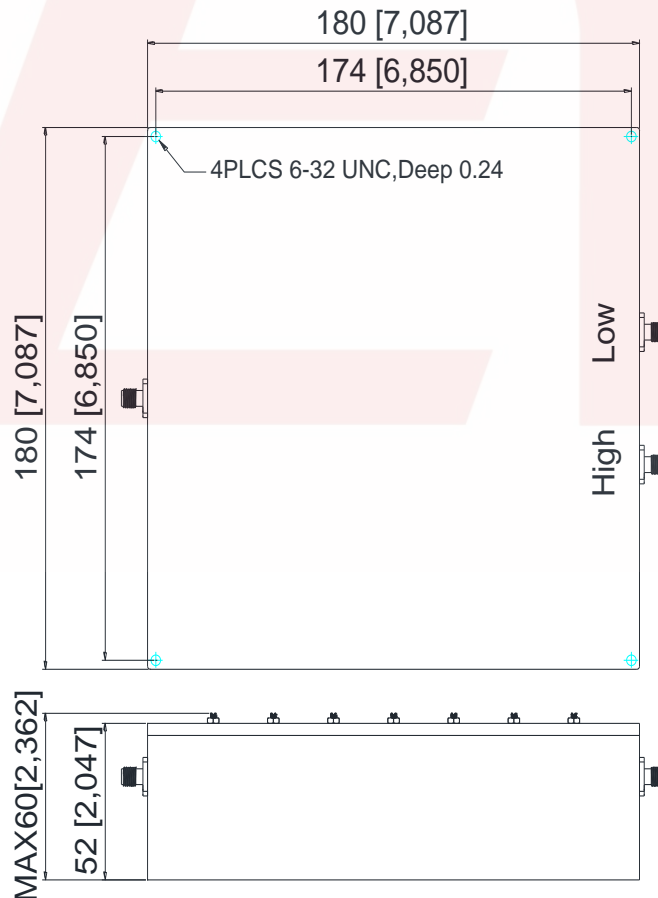


Characteristics	Low Band	High Band
Frequency:	805.5 – 814.5 MHz	851 – 860 MHz
Insertion loss:	2.0 dB Max	2.0 dB Max
Return Loss:	12 dB Min	12 dB Min
Rejection:	60 dB Min @ DC – 801 MHz 60 dB Min @ 819 – 1000 MHz	60 dB Min @ DC – 846.5 MHz 60 dB Min @ 864.5 – 1000 MHz
Impedance:	50 Ohms In/Out	
Power Handling:	50 W Max	

Mechanical	
Connector Type:	SMA (F)
Dimensions:	7.08 x 7.08 x 2.36 in 180 x 180 x 60 mm

Environmental	
Operating Temperature:	-45 to +60 deg.C
Storage Temperature:	-55 to +85 deg.C
Shock:	20 G. 11ms
Vibration:	20 G. 5 to 200 Hz

Outline drawing:



DS-DP5453-03142024-Rev0



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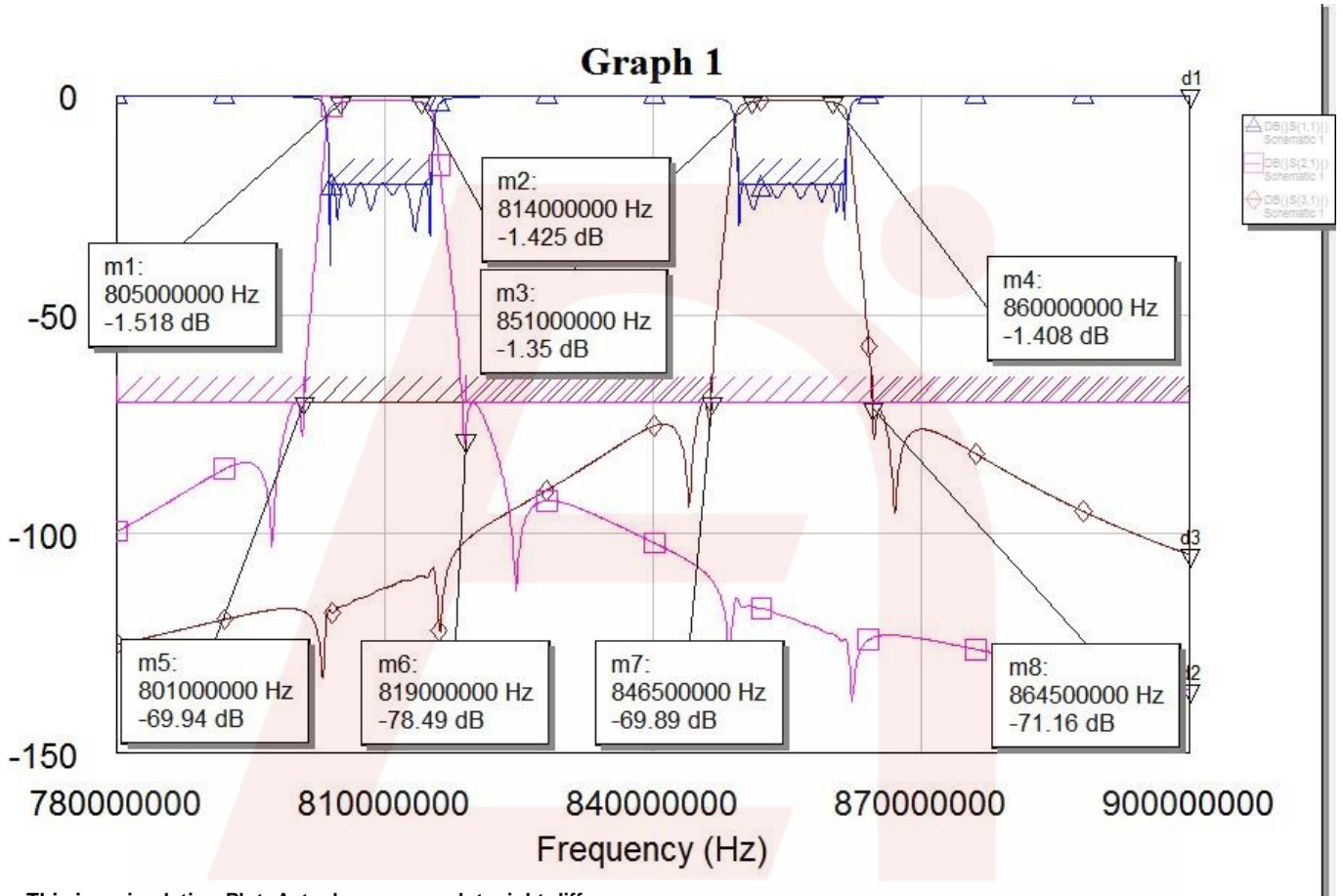
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Simulated Plot:



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

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