



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

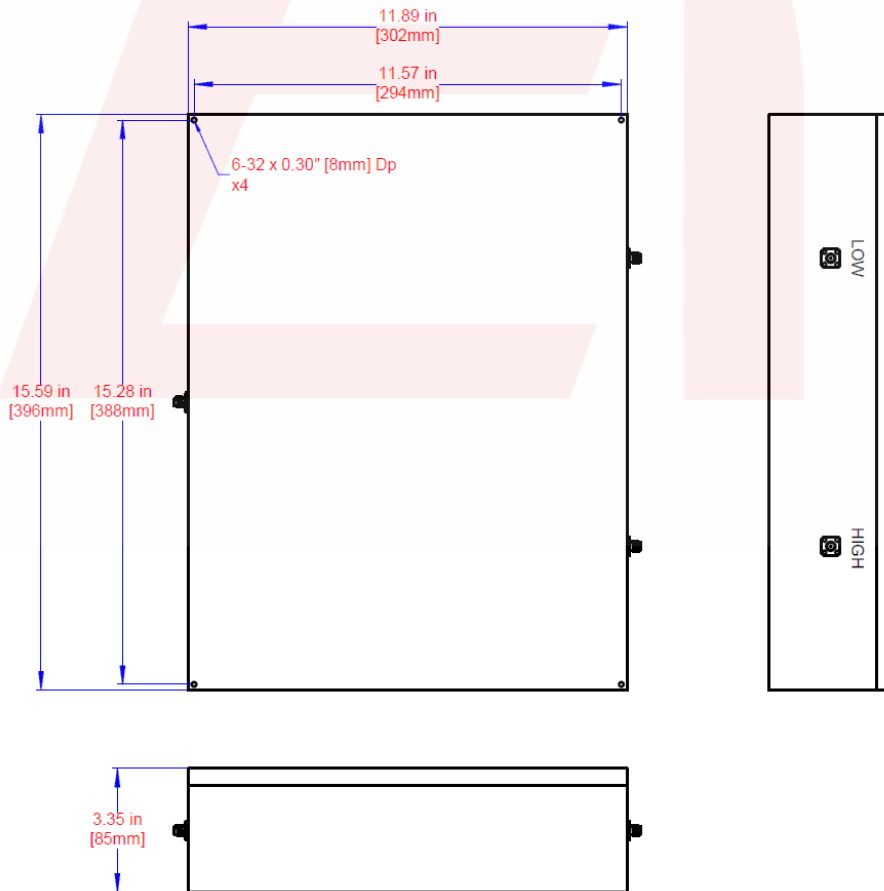
380-382/385-387 MHz
Cavity Duplexer
Part Number: AE381-386DB5543



<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
Passband:	380-382 MHz	385-387 MHz
Bandwidth:	2 MHz	2 MHz
VSWR	1.25:1 Max	1.25:1 Max
Passband Insertion Loss:	2.0 dB Max	2.0 dB Max
Band Separation	5 MHz	5 MHz
Isolation @ 5 MHz	70 dB Min	70 dB Min
Input / Output Impedance:	50 Ohms	50 Ohms
Power Handling:	50 Watts	50 Watts

<u>Mechanical</u>	
Connector Type:	SMA F
Dimensions:	15.59 x 11.89 x 3.35 in. 396 x 302 x 85 mm
Weight:	Approx 5.9 kg
<u>Environmental</u>	
Operating Temperature:	-20 to +60 deg.C
Storage Temperature:	-50 to +80 deg.C
Shock:	20 G. 11ms
Vibration:	20 G. 5 to 200 Hz
Environmentally Sealed:	IP65

Outline Drawing:



DS-DB5543-08282023-Rev0



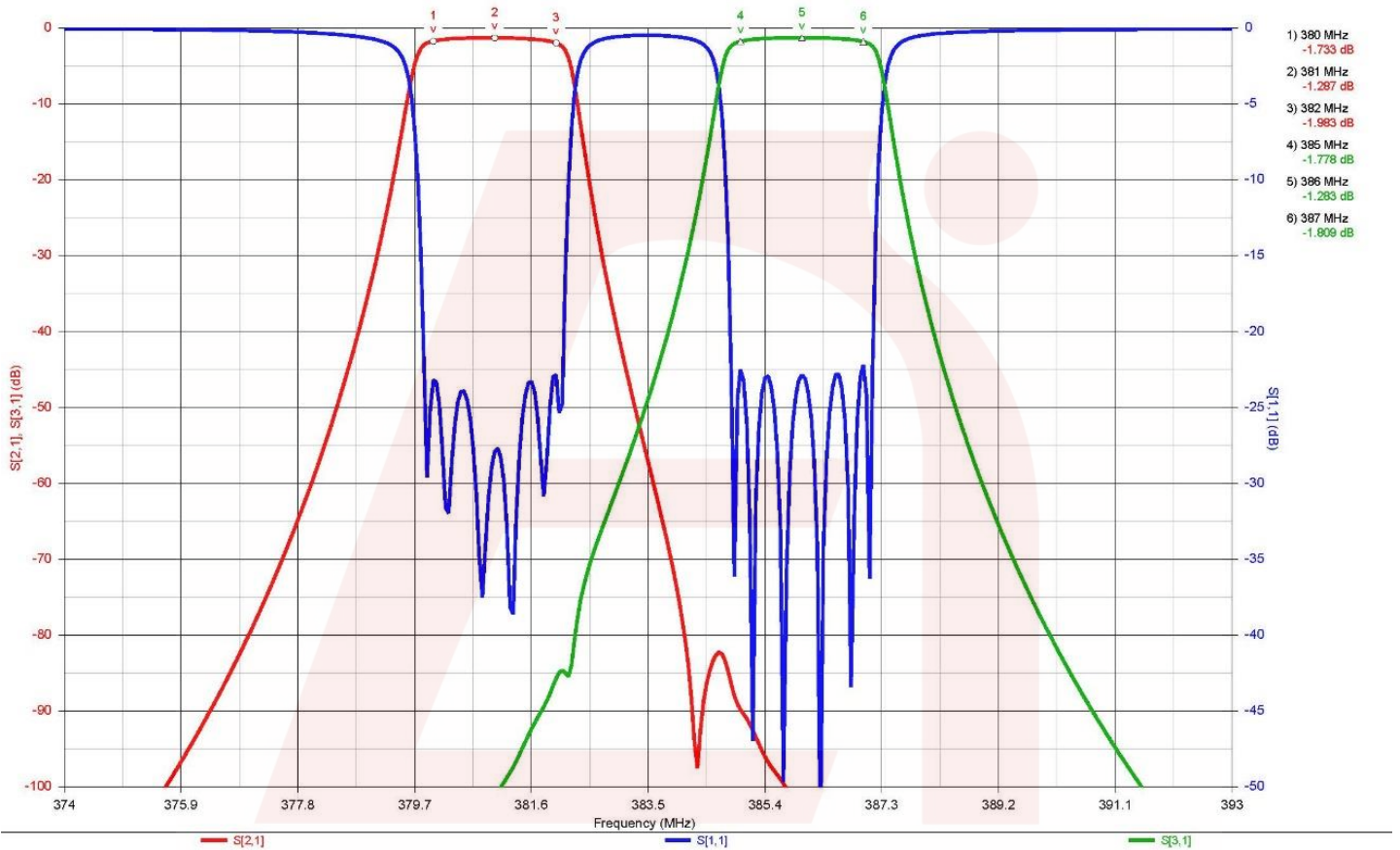
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Simulation Plot:



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

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