



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

900 MHz Cavity Duplexer

Part Number: AD898-937D196

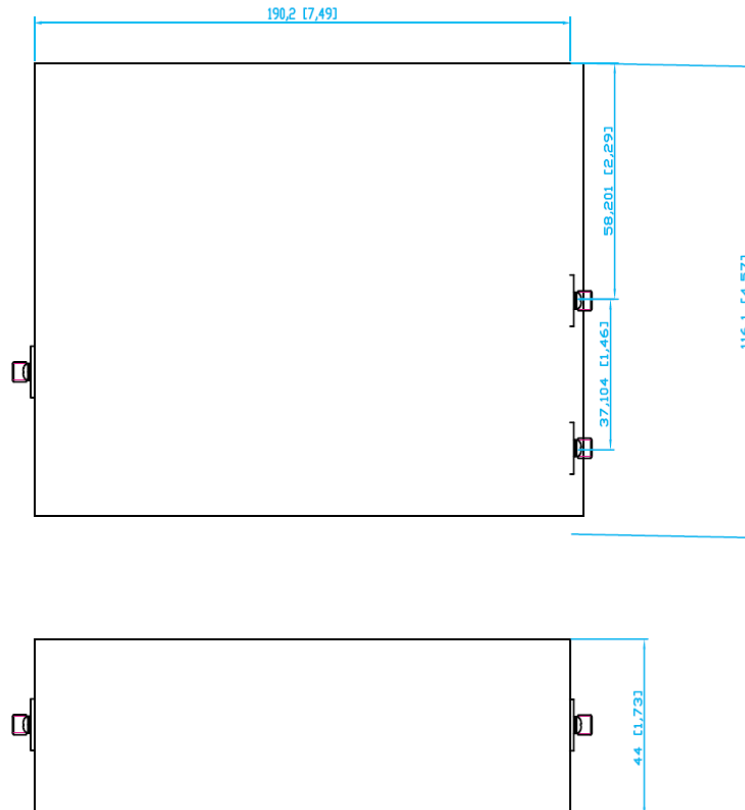


Characteristics	Band 1 (Rx)	Band 2 (Tx)
Frequency:	898.5 MHz	937.5 MHz
Bandwidth:	7 MHz min	7 MHz min
Insertion loss:	2.0 dB min	2.0 dB min
Ripple at BW:	=/ < 2.4 dB @ 7 MHz = / < 0.8 dB @ 7 MHz BW	=/ < 2.4 dB @ 5 MHz = / < 0.8 dB @ 5 MHz
Return loss:	18 dB	18 dB
Rejection:	20 dB @ 894 MHz 120 dB @ 935-940 MHz	20 dB @ 942 MHz 120 dB @ 896-901 MHz
Isolation:	120 dB @ 850-1000 MHz	120 dB @ 850-1000 MHz
Input power:	3 Watts max	3 Watts max
Impedance:	500 Ohm	500 Ohm

Mechanical	
Mounting Method:	Threaded Mounting Holes
Connector Type:	N-Type (F)
Dimensions:	7.49" x 4.57" x 1.73" in

Environmental	
Operating Temperature:	-40 to +70 deg.C
Storage Temperature:	-50 to +90 deg.C

Outline Drawing:





Response plots:

