



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1350-1550/1650-1850 MHz Cavity Duplexer

Part Number: AD1450-1750D367

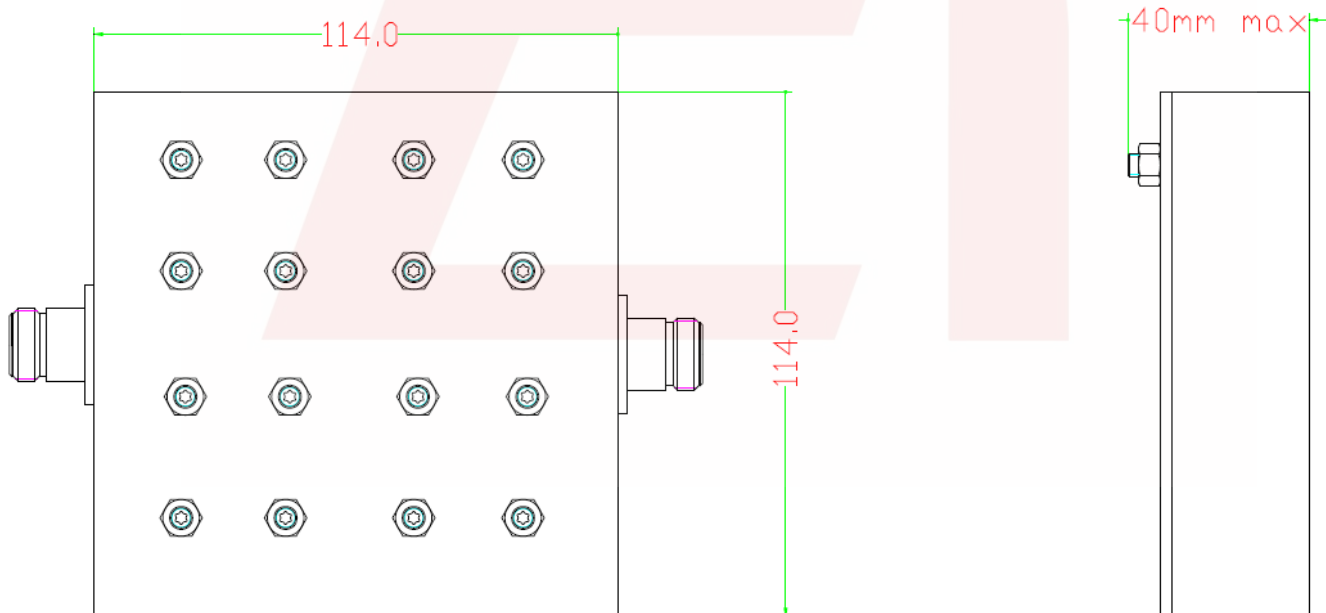


Characteristics	Band 1 (Rx)	Band 2 (Tx)
Frequency:	1350-1550 MHz	1650-1850 MHz
Center Frequency:	1450 MHz	1450 MHz
Insertion loss:	1.5 dB max	1.5 dB max
Rejection:	60 dB@1227 MHz	60 dB@1575 MHz
Group Delay:	32 ns	23 ns
Delay variation:	28 ns	15 ns
VSWR:	1.5:1	1.5:1
Passband ripple:	0.4 dB	0.4 dB
Peak power:	400 Watts	400 Watts
IDM3	140 dBc@4 x43 dBm	140 dBc@4 x43 dBm

Mechanical	
Mounting Method:	Threaded Mounting Holes
Connector Type:	N-Type (F)
Dimensions:	4.48" x 4.4" x 1.57" in

Environmental	
Operating Temperature:	-40 to +70 deg.C
Storage Temperature:	-50 to +90 deg.C
Shock:	20 G. 11ms
Vibration:	20 G. 5 to 200 Hz

Outline Drawing:



DS-D367-08202015-Rev1



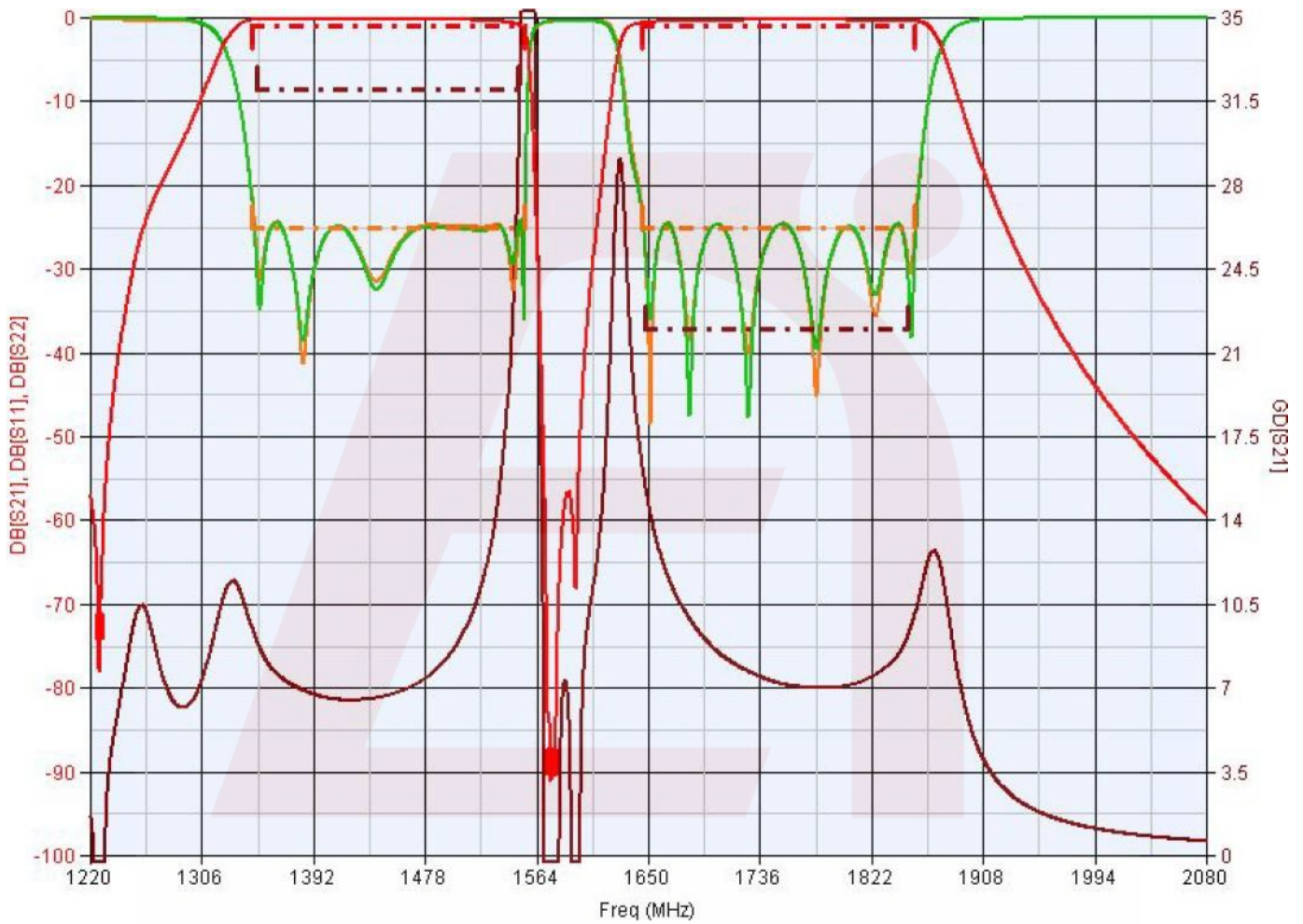
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Plots:



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