



1950 MHz / 2140 MHz Ceramic Duplexer

Part Number: AM1950-2140D1098



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

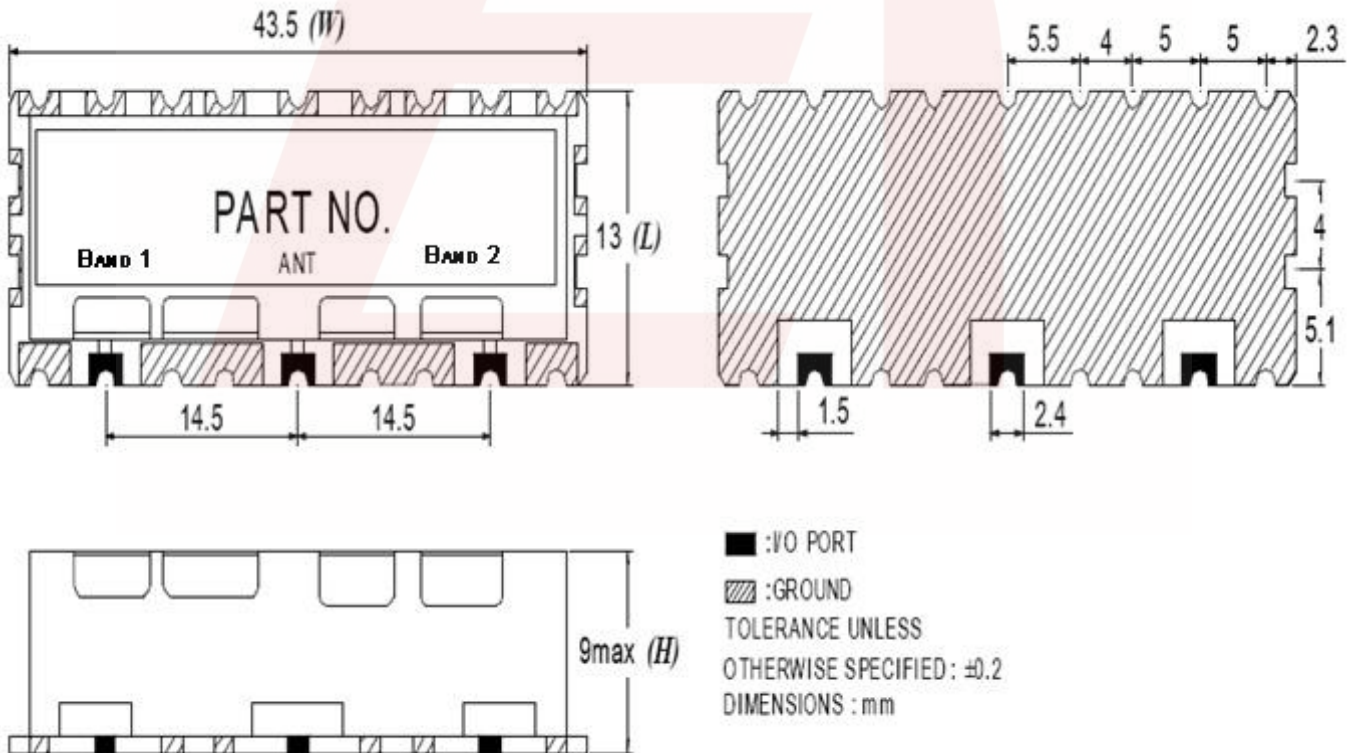
<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
Passband:	1920-1980 MHz	2110-2170 MHz
Bandwidth:	Fo +/- 30 MHz	Fo +/- 30 MHz
Passband Return Loss:	18 min dB	18 min dB
Passband Insertion Loss:	1.5 dB max	1.5 dB max
Passband Ripple:	0.5 dB max	0.5 dB max
Input / Output Impedance:	50 Ohms	50 Ohms
Isolation:	55 dB min	55 dB min
Power Handling:	5 W avg.	5 W avg.

<u>Mechanical</u>	
Mounting Method:	SMT
Dimensions:	43.5 x 13 x 9 mm

<u>Environmental</u>	
Operating Temperature:	-45 to +85 deg.C
Storage Temperature:	-50 to +90 deg.C

This product is RoHs compliant.

Outline Drawing:



DS-D1098-08202015-Rev0



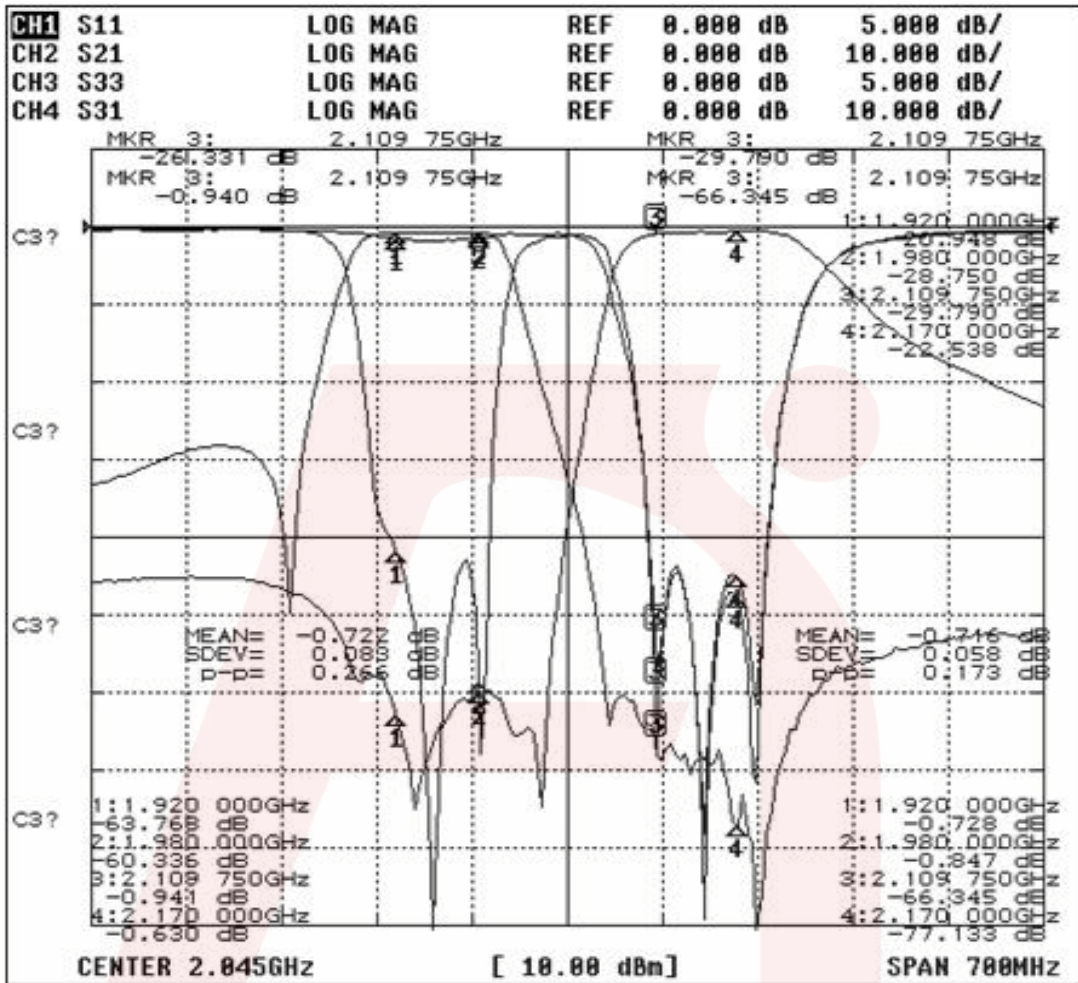
1950 MHz / 2140 MHz Ceramic Duplexer

Part Number: AM1950-2140D1098



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Response Plots:





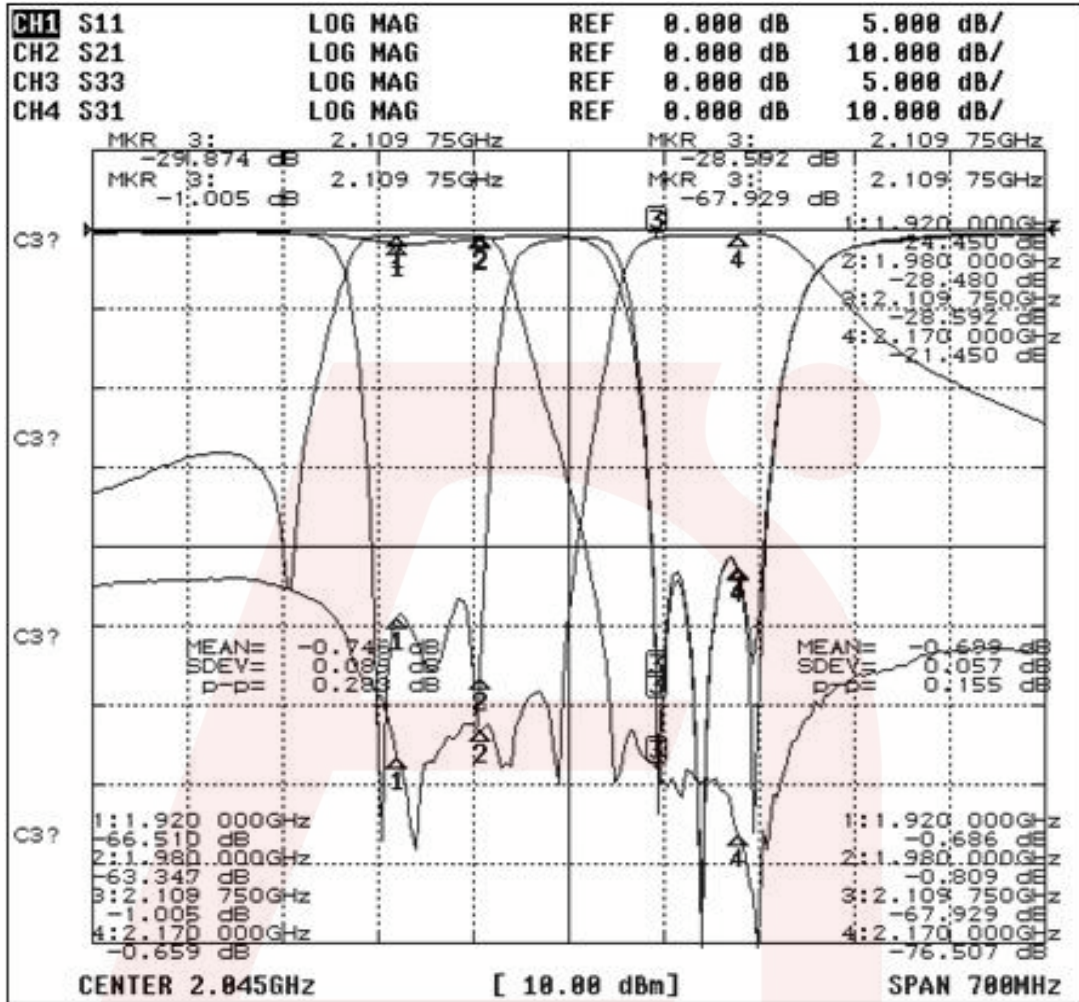
1950 MHz / 2140 MHz Ceramic Duplexer

Part Number: AM1950-2140D1098



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Response Plots:



DS-D1098-08202015-Rev0



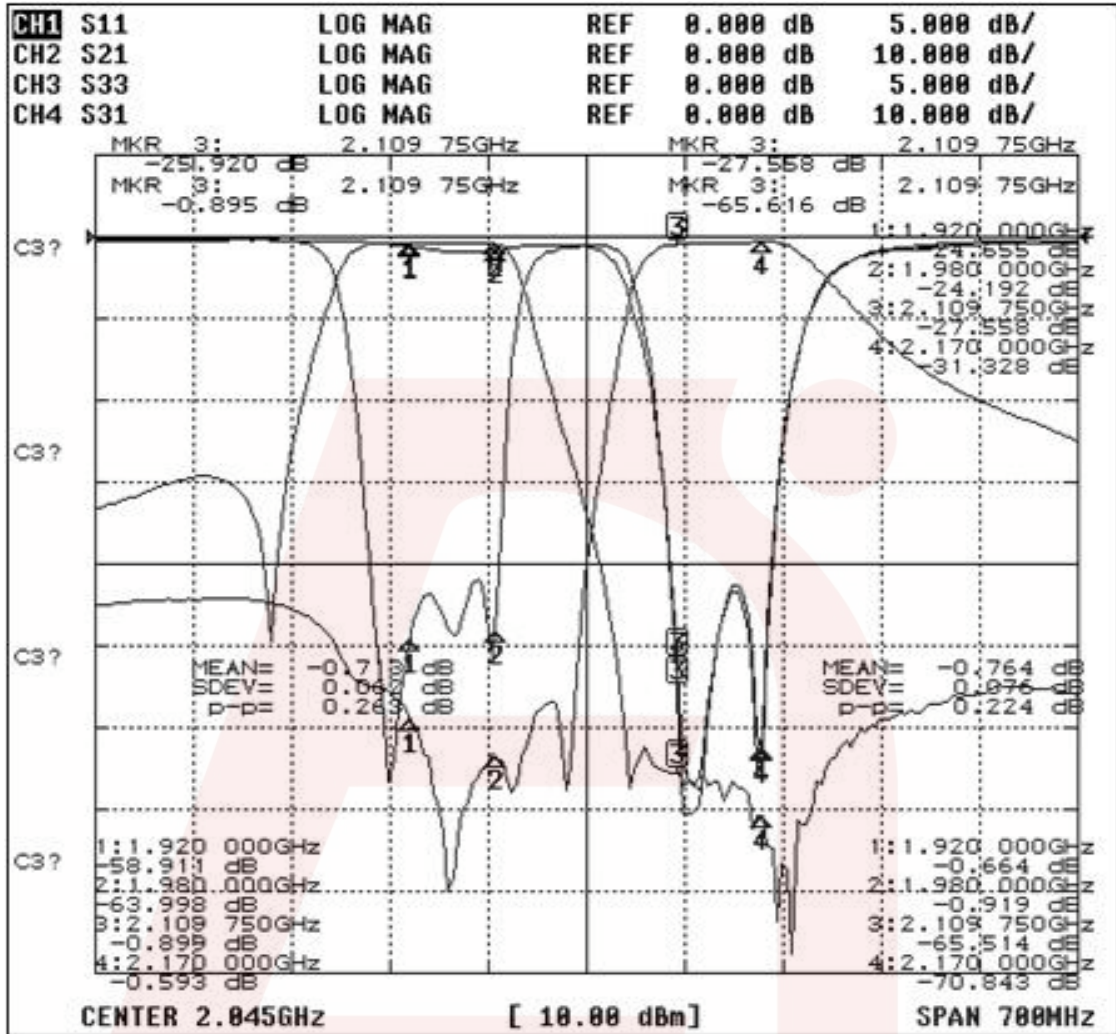
1950 MHz / 2140 MHz Ceramic Duplexer

Part Number: AM1950-2140D1098



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Response Plots:





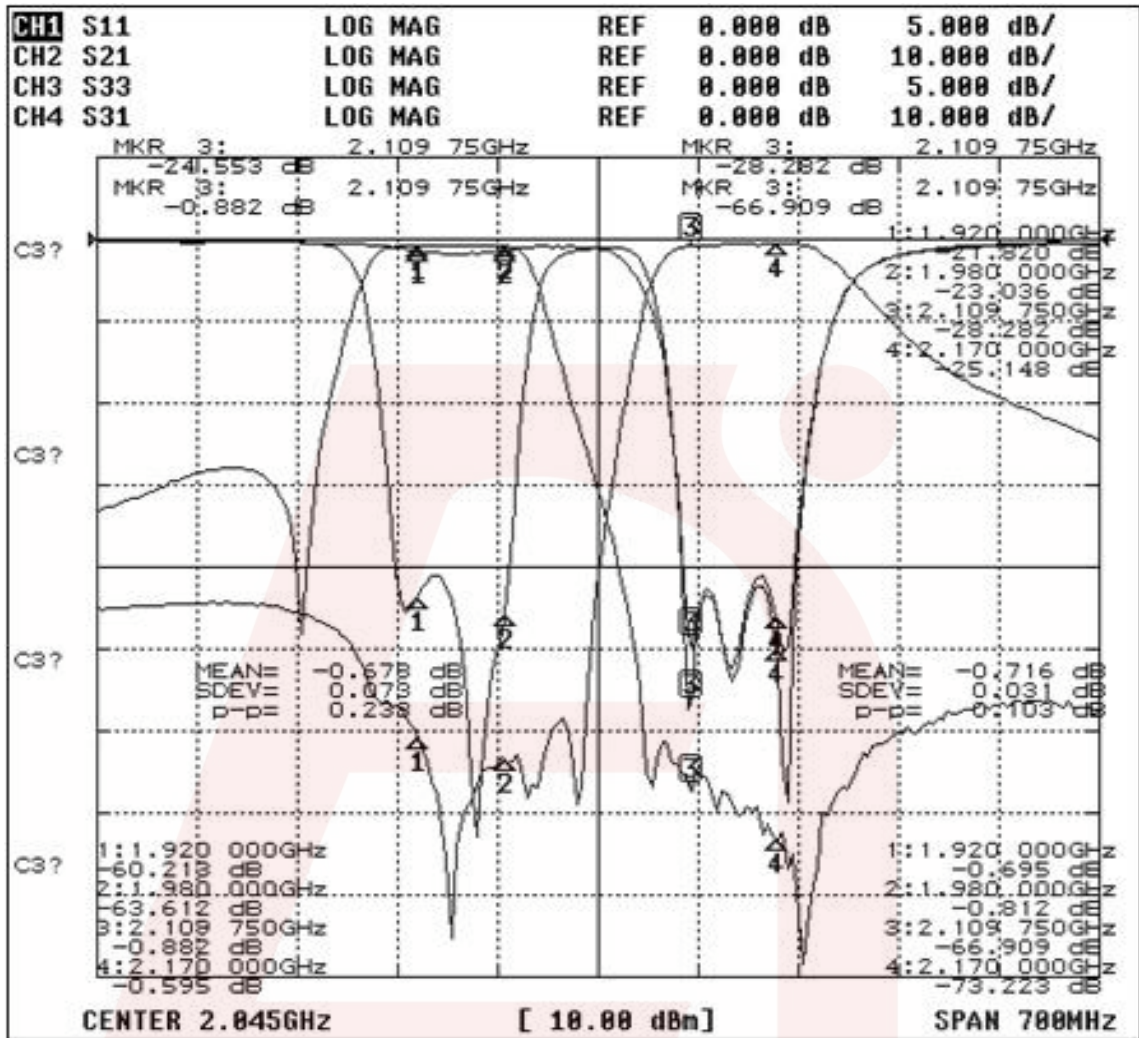
1950 MHz / 2140 MHz Ceramic Duplexer

Part Number: AM1950-2140D1098



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Response Plots:





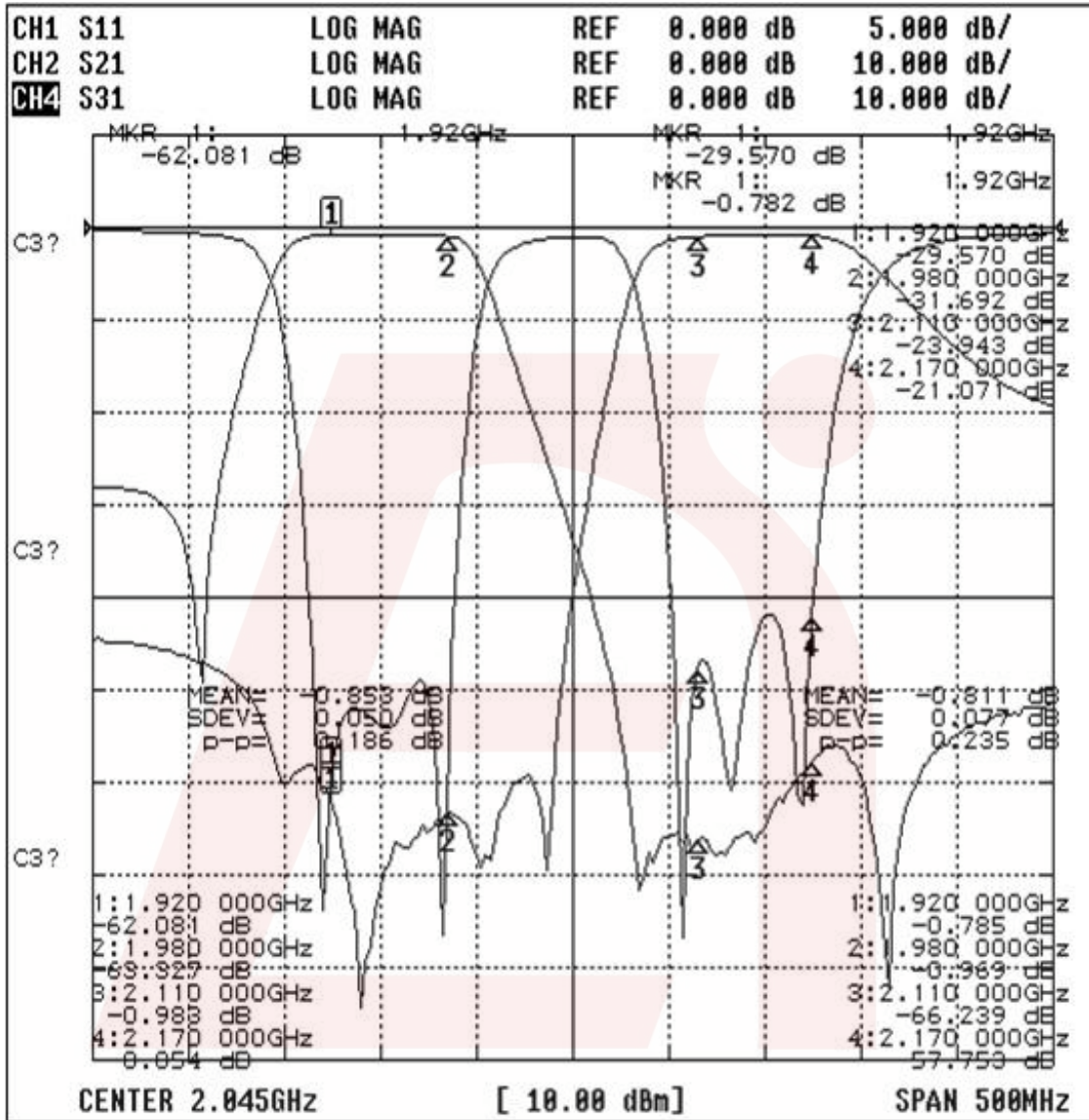
1950 MHz / 2140 MHz Ceramic Duplexer

Part Number: AM1950-2140D1098



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Response Plots:



DS-D1098-08202015-Rev0