



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 2140/1740 MHz Ceramic Duplexer

**Part Number: AM2140-1740D1049**



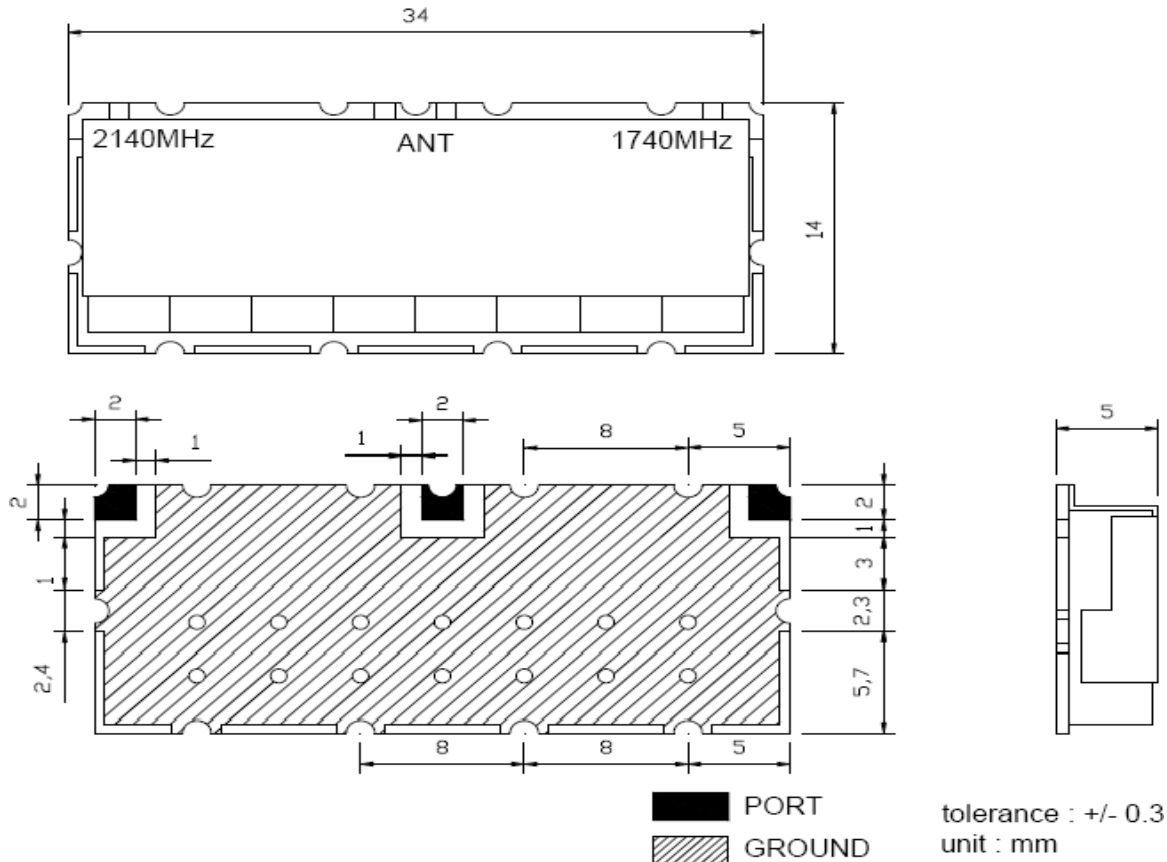
<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
<b>Passband:</b>	1710-1770 MHz	2110-2170 MHz
<b>Bandwidth:</b>	Fo ± 30 MHz	Fo ± 30 MHz
<b>Passband Return Loss:</b>	14 dB min	14 dB min
<b>Passband Insertion Loss:</b>	2.0 dB max	2.0 dB max
<b>Passband Ripple:</b>	0.7 dB max	0.7 dB max
<b>Input / Output Impedance:</b>	50 Ohms	50 Ohms
<b>Isolation:</b>	50 dB min	50 dB min
<b>Power Handling:</b>	2 W	2 W

<u>Mechanical</u>	
<b>Mounting Method:</b>	SMT
<b>Dimensions:</b>	34 x 14 x 5 mm

<u>Environmental</u>	
<b>Operating Temperature:</b>	-20 to +70 deg.C
<b>Storage Temperature:</b>	-50 to +90 deg.C

**This product is RoHs compliant.**

## Outline Drawing:





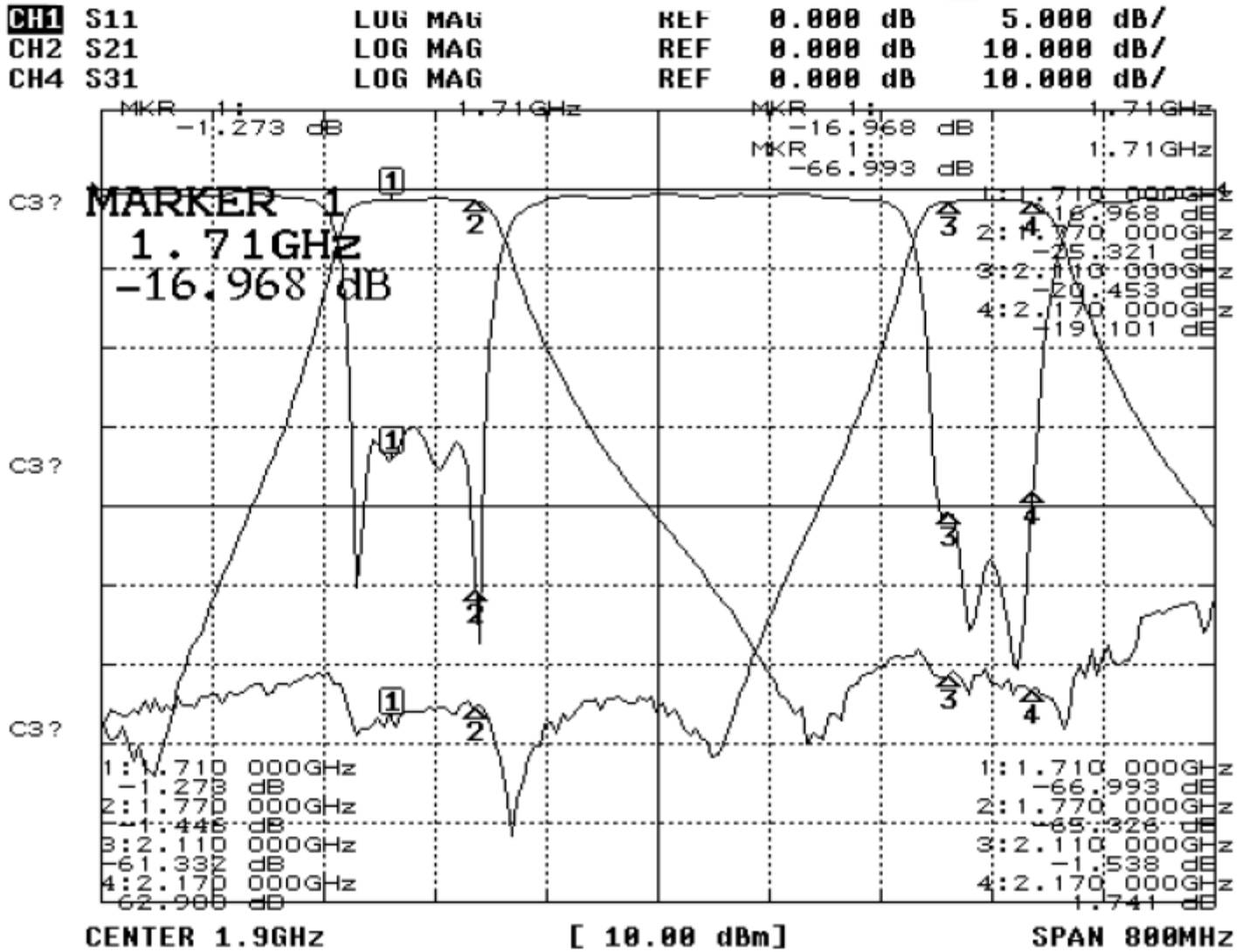
**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 2140/1740 MHz Ceramic Duplexer

Part Number: AM2140-1740D1049



## Response Plot:





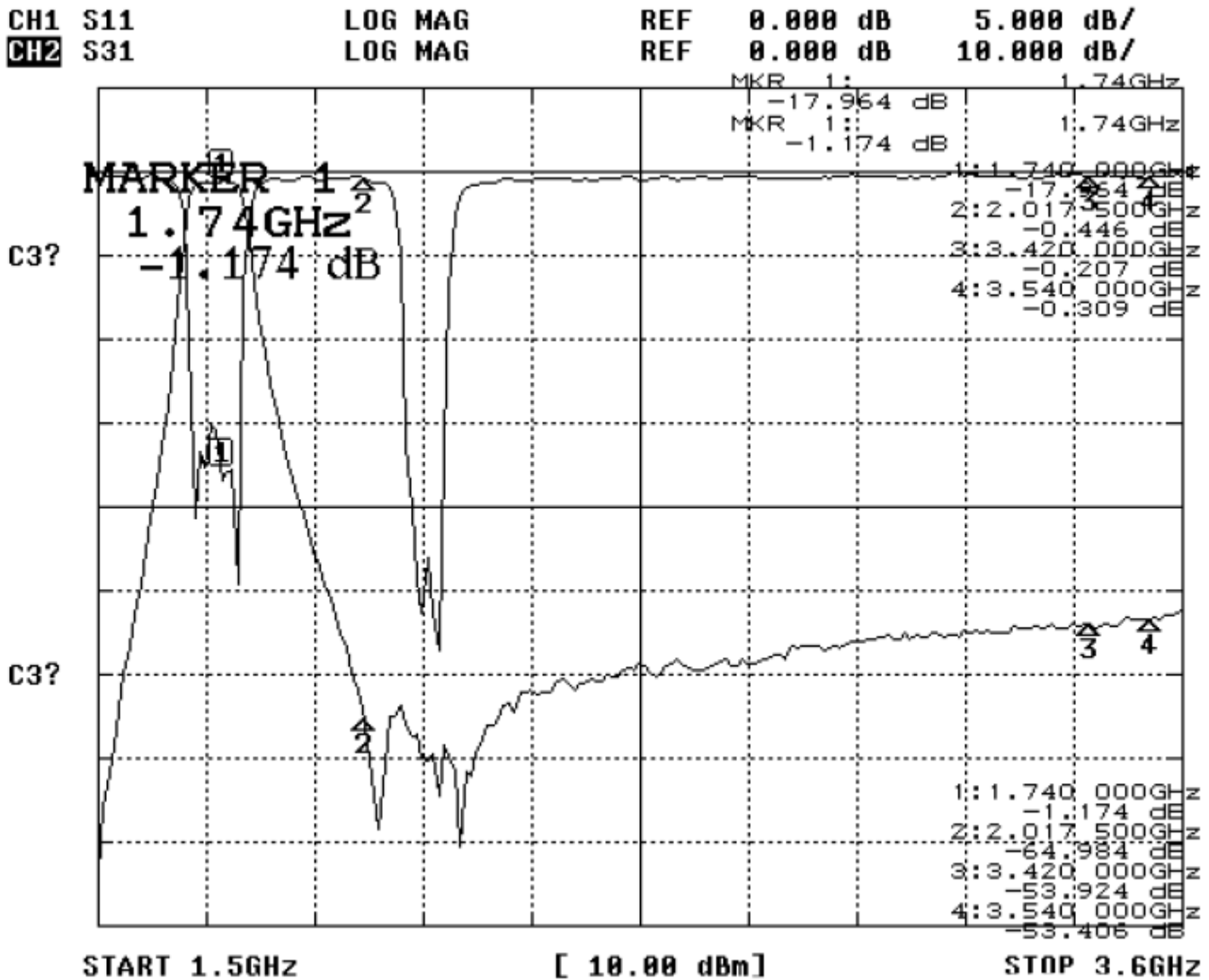
**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 2140/1740 MHz Ceramic Duplexer

Part Number: AM2140-1740D1049



## Response Plot:





**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 2140/1740 MHz Ceramic Duplexer

Part Number: AM2140-1740D1049



## Response Plot:

