



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

# 2050 MHz / 2450 MHz Ceramic Duplexer

**Part Number: AM2050-2450D1121**



<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
<b>Passband:</b>	1900-2200 MHz	2400-2500 MHz
<b>Bandwidth:</b>	300 MHz	100 MHz min
<b>Passband Return Loss:</b>	15 dB min	15 dB min
<b>Passband Insertion Loss:</b>	1.5 dB max	1.5 dB max
<b>Passband Ripple:</b>	1.0 dB max	1.0 dB max
<b>Input / Output Impedance:</b>	50 Ohms	50 Ohms
<b>Isolation:</b>	30 dB min	30 dB min
<b>Power Handling:</b>	2 W max	2 W max

<u>Mechanical</u>	
<b>Mounting Method:</b>	SMT
<b>Dimensions:</b>	54 x 20 x 7.5 mm

<u>Environmental</u>	
<b>Operating Temperature:</b>	-40 to +70 deg.C
<b>Storage Temperature:</b>	-50 to +90 deg.C

**This product is RoHs compliant.**

## Outline Drawing:

