



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

# 1030 MHz / 1090 MHz Ceramic Duplexer

**Part Number: AM1030-1090D1090**



<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
<b>Passband:</b>	1018-1042 MHz	1078-1102 MHz
<b>Bandwidth:</b>	Fo ± 12 MHz	Fo ± 12 MHz
<b>Passband Return Loss:</b>	15 min	15 min
<b>Passband Insertion Loss:</b>	3.0 dB max	3.0 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>	40 dB min	40 dB min
<b>Power Handling:</b>	1 W	1 W

<u>Mechanical</u>	
<b>Mounting Method:</b>	SMT
<b>Dimensions:</b>	30 x 13 x 6 mm

<u>Environmental</u>	
<b>Operating Temperature:</b>	-25 to +70 deg.C
<b>Storage Temperature:</b>	-50 to +90 deg.C

This product is RoHs compliant.

## Outline Drawing:

