



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

# 1455.4 MHz / 1503.4 MHz Ceramic Duplexer

**Part Number: AM1455-1503D1089**



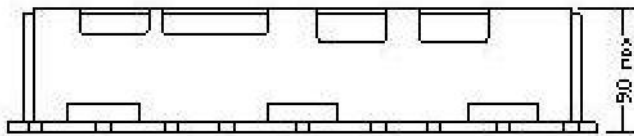
<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
<b>Passband:</b>	1447.4-1463.4 MHz	1495.4-1511.4 MHz
<b>Bandwidth:</b>	Fo ± 8 MHz	Fo ± 8 MHz
<b>Passband Return Loss:</b>	12 min	12 min
<b>Passband Insertion Loss:</b>	3.0 dB max	3.0 dB max
<b>Passband Ripple:</b>	1.0 dB max	1.0 dB max
<b>Input / Output Impedance:</b>	50 Ohms	50 Ohms
<b>Isolation:</b>	50 dB min	55 dB min
<b>Power Handling:</b>	3 W	3 W

<u>Mechanical</u>	
<b>Mounting Method:</b>	SMT
<b>Dimensions:</b>	42.9 x 40.95 x 9 mm

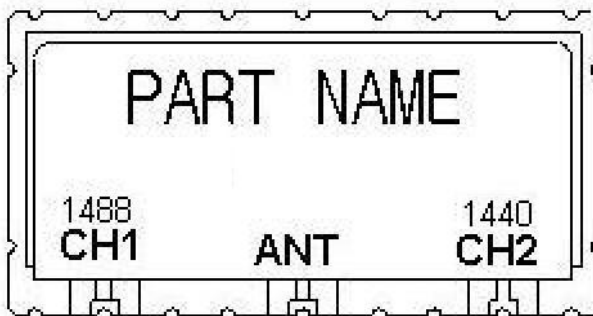
<u>Environmental</u>	
<b>Operating Temperature:</b>	-25 to +70 deg.C
<b>Storage Temperature:</b>	-50 to +90 deg.C

This product is RoHs compliant.

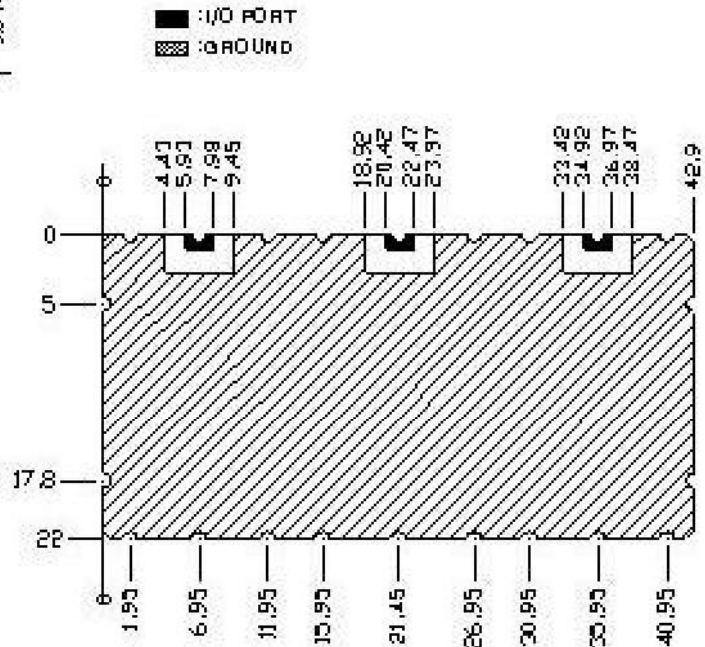
## Outline Drawing:



<FRONT VIEW>



<TOP VIEW>



<BOTTOM VIEW>