



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

# 2535-2655 MHz Ceramic Duplexer

**Part Number: AM2535-2655D1009**



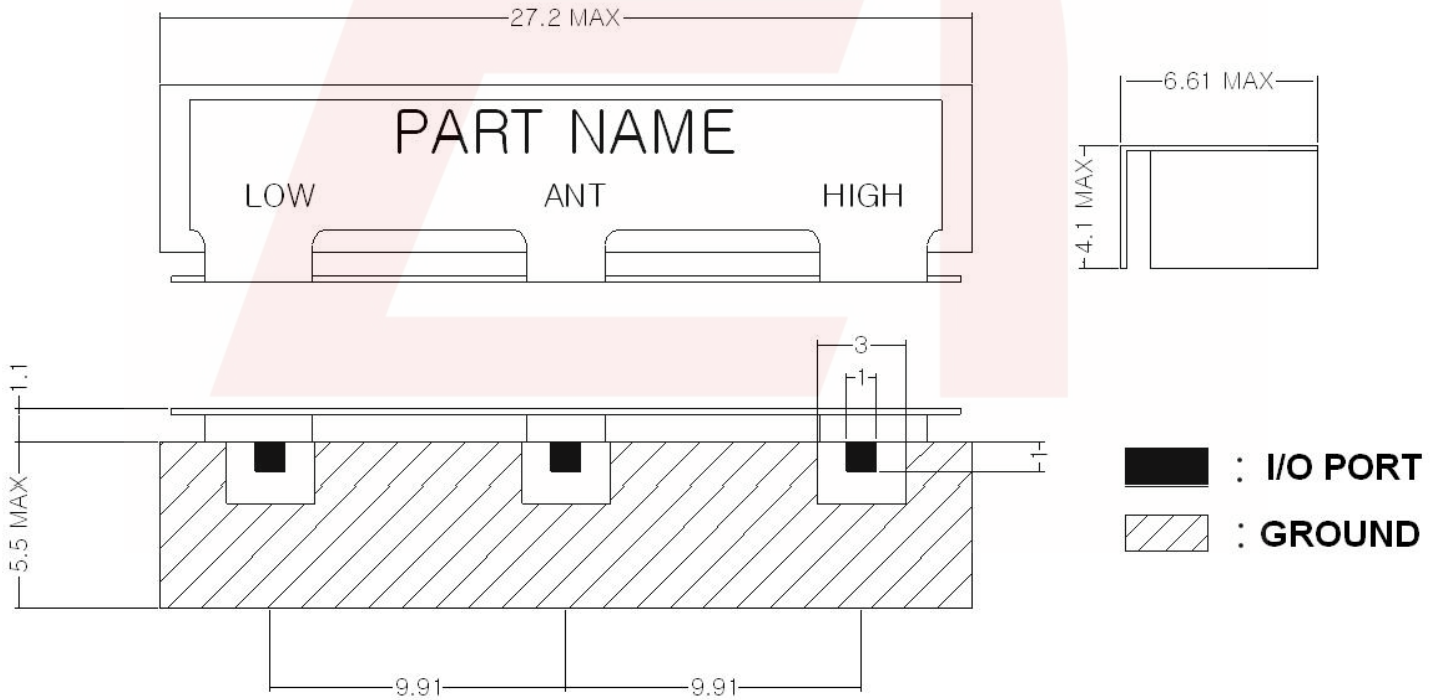
<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
<b>Passband:</b>	2500-2570 MHz	2620-2690 MHz
<b>Bandwidth:</b>	Fo ± 35 MHz	Fo ± 35 MHz
<b>Passband Return Loss:</b>	12.5 min	12.5 min
<b>Passband Insertion Loss:</b>	2.2 dB max	2.2 dB max
<b>Passband Ripple:</b>	1.0 dB max	1.0 dB max
<b>Input / Output Impedance:</b>	50 Ohms	50 Ohms
<b>Isolation:</b>	50 dB min	50 dB min
<b>Power Handling:</b>	3 W	3 W

<u>Mechanical</u>	
<b>Mounting Method:</b>	SMT
<b>Dimensions:</b>	27.2 x 6.61 x 5.5 mm

<u>Environmental</u>	
<b>Operating Temperature:</b>	-40 to +70 deg.C
<b>Storage Temperature:</b>	-50 to +90 deg.C
<b>Shock:</b>	10 G. 11ms
<b>Vibration:</b>	10 G. 5 to 200 Hz

**This product is RoHs compliant.**

## Outline Drawing:



DS-D1009-08202015-Rev0