



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

# 836.5-881.5 MHz Ceramic Duplexer

**Part Number: AM836-881D1109**



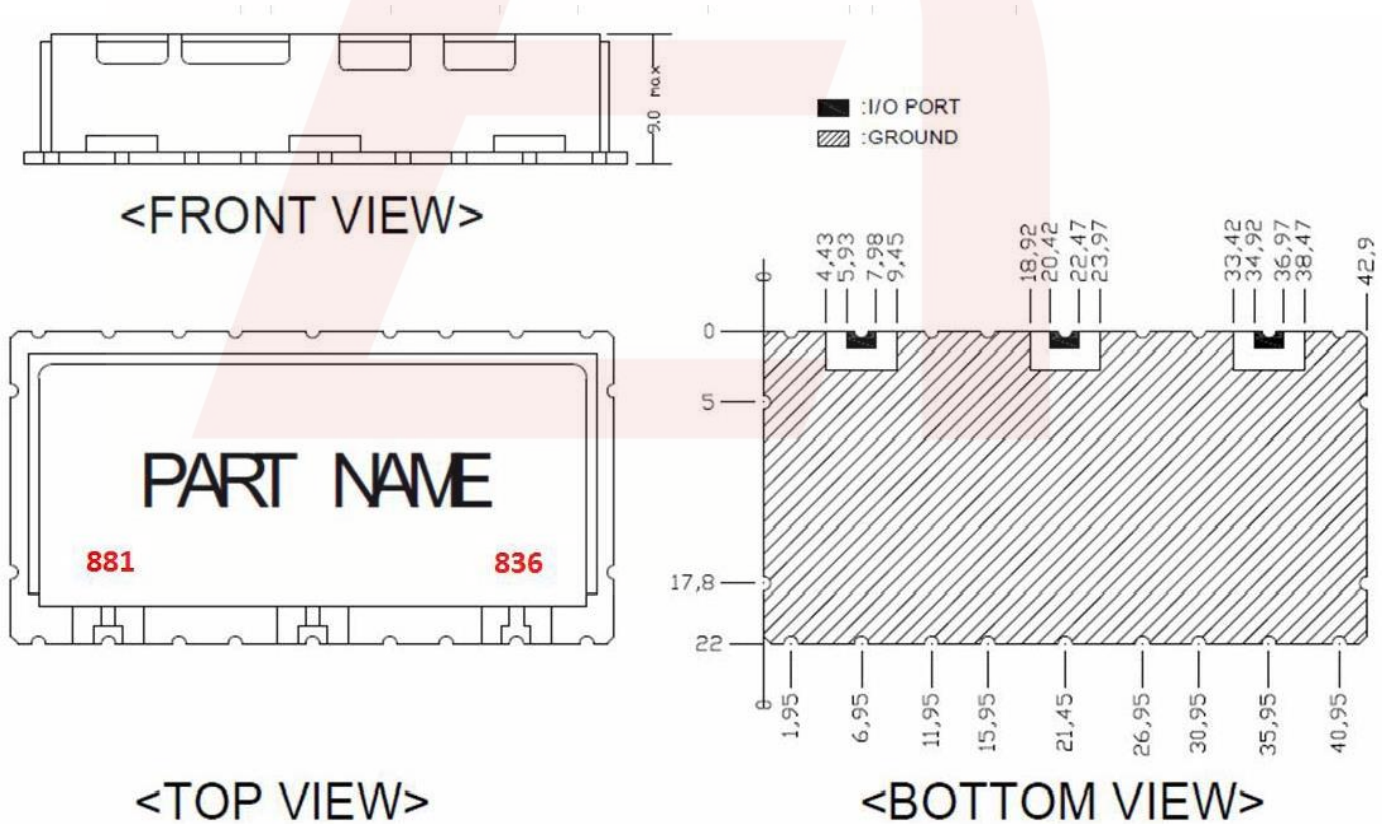
<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
<b>Passband:</b>	824-849 MHz	869-894 MHz
<b>Bandwidth:</b>	Fo ± 12.5 MHz	Fo ± 12.5 MHz
<b>Passband Return Loss:</b>	12 dB min	12 dB min
<b>Passband Insertion Loss:</b>	3.0 dB max	3.0 dB max
<b>Passband Ripple:</b>	1.0 dB max	1.0 dB max
<b>Input / Output 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>	-20 to +70 deg.C
<b>Storage Temperature:</b>	-50 to +90 deg.C

This product is RoHs compliant.

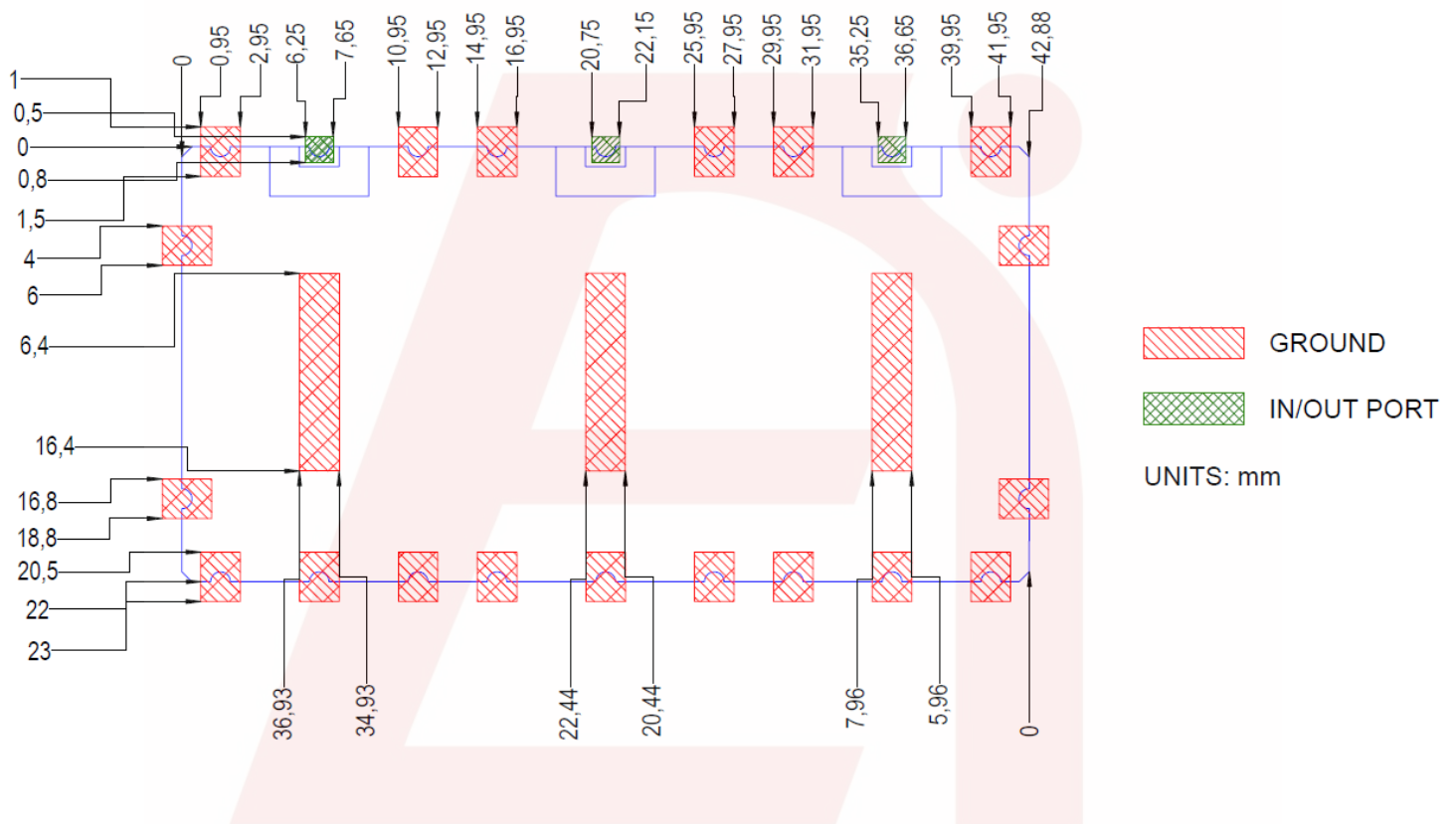
## Outline Drawing:



DS-D1109-08202015-Rev0



### PCB Layout



\*For Reference Only.