



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

# 1227.6/1575.4 MHz Ceramic Duplexer

**Part Number: AM1227-1575D1021**



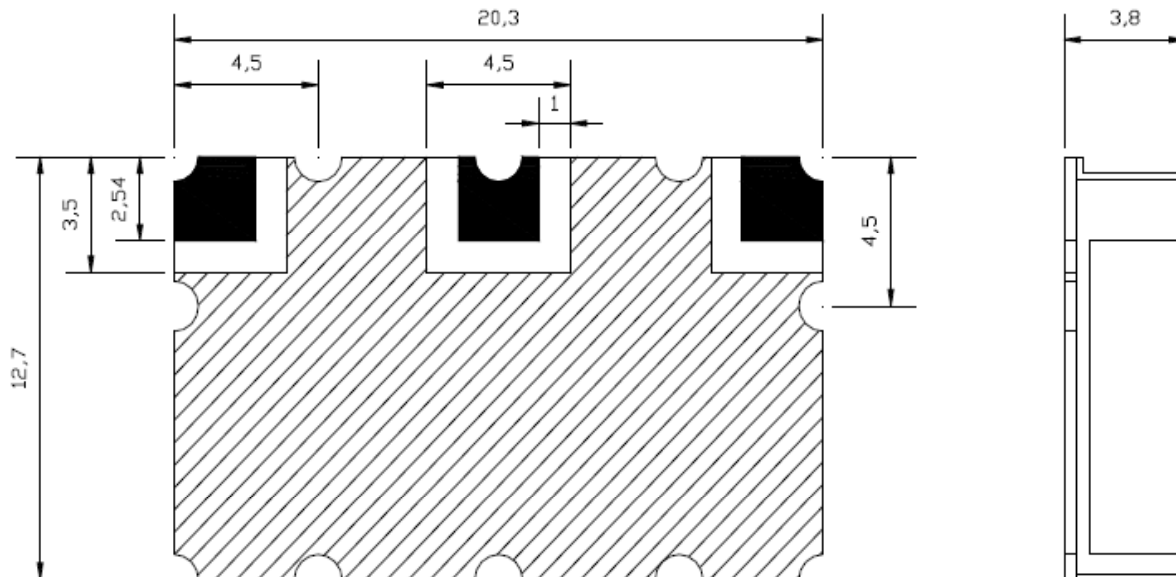
<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
<b>Passband:</b>	1210.1-1245.1 MHz	1557.9-1592.9 MHz
<b>Bandwidth:</b>	Fo ± 17.5 MHz	Fo ± 17.5 MHz
<b>Passband Return Loss:</b>	11 dB min	11 dB min
<b>Passband Insertion Loss:</b>	4.0 dB max	4.0 dB max
<b>Passband Ripple:</b>	3.0 dB max	3.0 dB max
<b>Input / Output Impedance:</b>	50 Ohms	50 Ohms
<b>Isolation:</b>	30 dB min	30 dB min
<b>Power Handling:</b>	5 W	5 W

<u>Mechanical</u>	
<b>Mounting Method:</b>	SMT
<b>Dimensions:</b>	20.3 x 12.7 x 3.8 mm

<u>Environmental</u>	
<b>Operating Temperature:</b>	-30 to +85 deg.C
<b>Storage Temperature:</b>	-50 to +90 deg.C

**This product is RoHs compliant.**

## Outline Drawing:



 GROUND  
 I/O PORT  
 UNIT : mm