



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

# 1543/1643.5 MHz Ceramic Duplexer

**Part Number: AM1542-1643D1031**



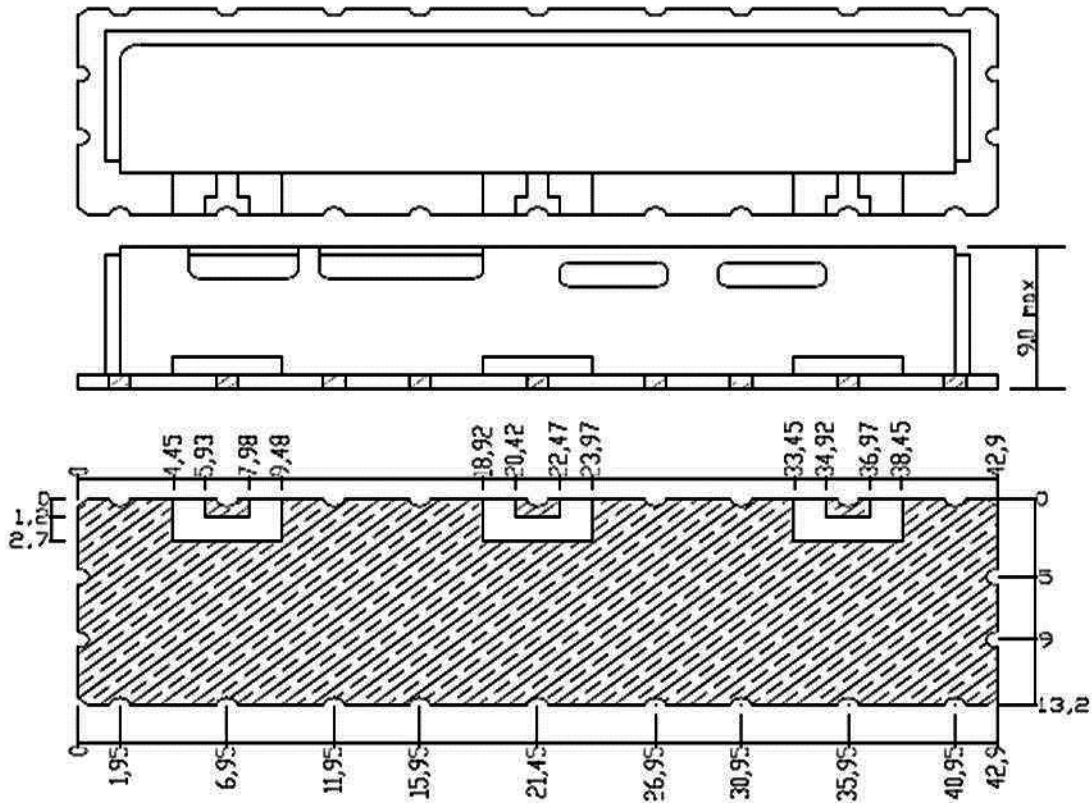
<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
<b>Passband:</b>	1525-1559 MHz	1626.5-1660.5 MHz
<b>Bandwidth:</b>	Fo ± 17 MHz	Fo ± 17 MHz
<b>Passband Return Loss:</b>	15 dB min	15 dB min
<b>Passband Insertion Loss:</b>	1.3 dB max	1.3 dB max
<b>Passband Ripple:</b>	0.5 dB max	0.5 dB max
<b>Input / Output Impedance:</b>	50 Ohms	50 Ohms
<b>Isolation:</b>	60 dB min	65 dB min
<b>Power Handling:</b>	3 W	3 W

<u>Mechanical</u>	
<b>Mounting Method:</b>	SMT
<b>Dimensions:</b>	42.9 x 13.2 x 9 mm

<u>Environmental</u>	
<b>Operating Temperature:</b>	-30 to +70 deg.C
<b>Storage Temperature:</b>	-50 to +90 deg.C

**This product is RoHs compliant.**

## Outline Drawing:





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

# 1543/1643.5 MHz Ceramic Duplexer

Part Number: AM1542-1643D1031



## Response Plot:

