



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

# 897/943 MHz Connectorized Ceramic Duplexer

**Part Number: AM897-943D1157-C**



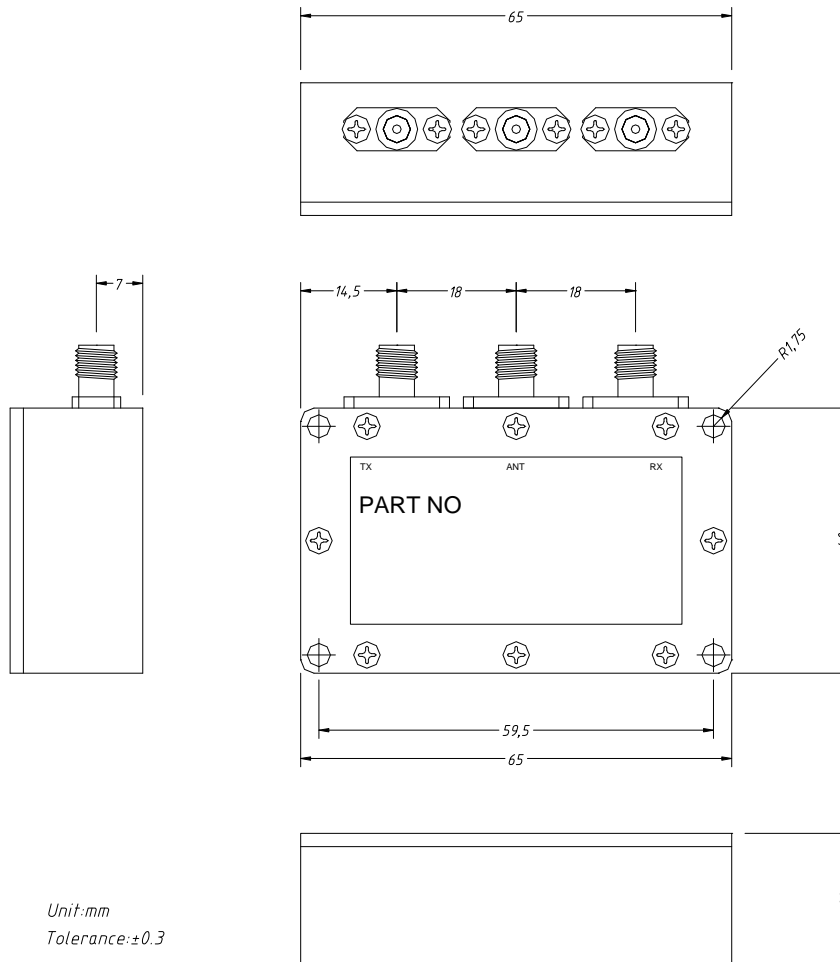
<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
<b>Center frequency:</b>	897 MHz	943 MHz
<b>Bandwidth:</b>	Fo ± 17.5 MHz	Fo ± 17.5 MHz
<b>Insertion Loss:</b>	3.8 dB max	3.8 dB max
<b>Ripple in BW:</b>	2.5 dB max	2.5 dB max
<b>Return loss:</b>	12 dB min	12 dB min
<b>Attenuation:</b>	45 dB min@925-960 MHz	45 dB min@880-915 MHz
<b>Impedance:</b>	55 Ohm	50 Ohm
<b>In/Out Power(Max):</b>	3 Watts	3 Watts

<u>Mechanical</u>	
<b>Mounting Method:</b>	Thru Hole Mounting
<b>Connectors:</b>	SMA Female
<b>Dimensions:</b>	65 x 40 x 20 mm

<u>Environmental</u>	
<b>Operating Temperature:</b>	-25 to +85 deg.C
<b>Storage Temperature:</b>	-50 to +90 deg.C

**This product is RoHs compliant.**

## Outline Drawing:



Unit:mm  
Tolerance:±0.3