



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

# 1747.5/1842.5 MHz Ceramic Duplexer

**Part Number: AM1747-1842D1108**



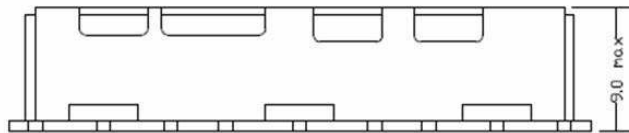
<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
<b>Passband:</b>	1709.5-1785.5 MHz	1804.5-1880.5 MHz
<b>Bandwidth:</b>	Fo ± 38 MHz	Fo ± 38 MHz
<b>Passband Return Loss:</b>	12 dB min	12 dB min
<b>Passband Insertion Loss:</b>	3.5 dB max	3.5 dB max
<b>Passband Ripple:</b>	2.2 dB max	2.5 dB max
<b>Input / Output Impedance:</b>	50 Ohms	50 Ohms
<b>Isolation:</b>	45 dB min	45 dB min
<b>Power Handling:</b>	3 W	3 W

<u>Mechanical</u>	
<b>Mounting Method:</b>	SMT
<b>Dimensions:</b>	42.90 x 40.95 x 9 mm

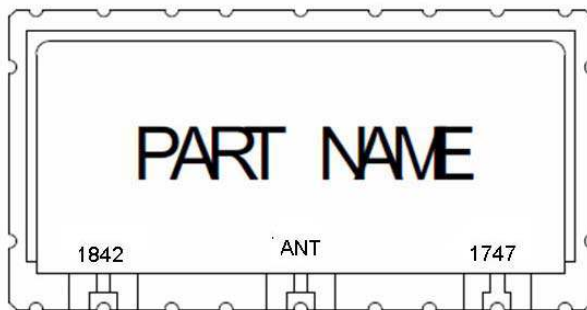
<u>Environmental</u>	
<b>Operating Temperature:</b>	-20 to +70 deg.C
<b>Storage Temperature:</b>	-50 to +90 deg.C

**This product is RoHs compliant.**

## Outline Drawing:

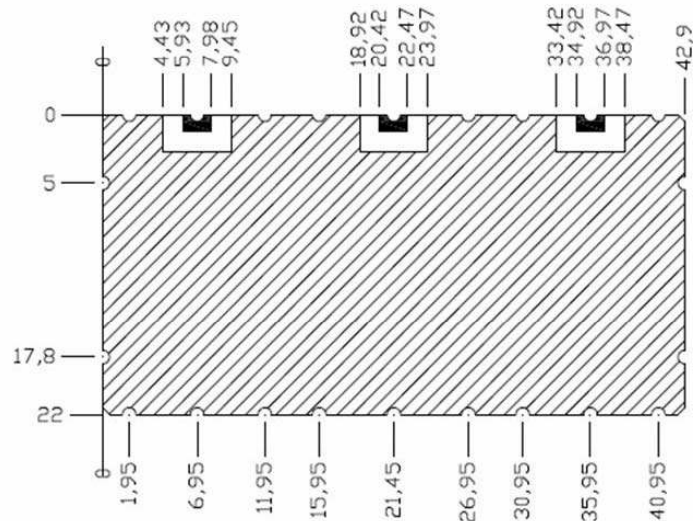


<FRONT VIEW>



<TOP VIEW>

■ : I/O PORT  
▨ : GROUND



<BOTTOM VIEW>