



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

# 1747.5 MHz / 1842.5 MHz Ceramic Duplexer

**Part Number: AM1747-1842D1091**



<u>Characteristics</u>	<u>Band 1 ( TX )</u>	<u>Band 2 ( RX )</u>
Passband:	1805-1880 MHz	1710-1785 MHz
Bandwidth:	75 MHz	75 MHz
Passband Return Loss:	17 dB	17 dB
Passband Insertion Loss:	2.8 dB	2.1 dB
Passband Ripple:	2.2 dB	1.1 dB
Input / Output Impedance:	50 Ohms	50 Ohms
Isolation:	45 dB	45 dB
Power Handling:	3 Watts	3 Watts

<u>Mechanical</u>	
Mounting Method:	SMT
Dimensions:	40.5 x 10.3 x 8.4 mm

<u>Environmental</u>	
Operating Temperature:	-40 to +70 deg.C
Storage Temperature:	-50 to +90 deg.C

This product is RoHs compliant.

## Outline Drawing:

