



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1747/1842 MHz Ceramic Duplexer

Part Number: AM1747-1842D1154



Characteristics	Band 1	Band 2
Center frequency:	1747.5 MHz	1842.5 MHz
Bandwidth:	Fo ± 37.5 MHz	Fo ± 37.5 MHz
insertion Loss:	3.5 dB max	3.5 dB max
Ripple in BW:	2.5 dB max	2.5 dB max
Return loss:	12 dB min	12 dB min
Attenuation:	45 dB min@1805-1880 MHz	45 dB min@1710-1785 MHz
Impedance:	55 Ohm	50 Ohm
In/Out Power(Max):	3 Watts	3 Watts

Mechanical	
Mounting Method:	SMT
Dimensions:	40.5 x 10 x 8.5 mm

Environmental	
Operating Temperature:	-25 to +85 deg.C
Storage Temperature:	-50 to +90 deg.C

This product is RoHs compliant.

Outline Drawing:

