



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

# 1850-1865/1930-1945 MHz Cavity Duplexer

**Part Number: AD1857-1937D284**



Characteristics	Band 1 (Rx)	Band 2 (Tx)
<b>Frequency:</b>	1850-1865 MHz	1930-1945 MHz
<b>Insertion loss:</b>	=/ < 1.0 dB	=/ < 1.0 dB
<b>Return loss:</b>	> 18 dB	> 18 dB
<b>Rejection:</b>	70 dB@1930-1945 MHz	70 dB@1850-1865 MHz
<b>Ripple in passband:</b>	=/ < 0.1 dB	< 0.1 dB

Mechanical	
<b>Mounting Method:</b>	Threaded Mounting Holes
<b>Connector Type:</b>	SMA (F)
<b>Dimensions:</b>	4.12" x 1.87" x 1.50" in

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

## Outline Drawing:

