



**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)
Frequency:	1850-1865 MHz	1930-1945 MHz
Insertion loss:	=/ < 1.0 dB	=/ < 1.0 dB
Return loss:	> 18 dB	> 18 dB
Rejection:	70 dB @ 1930-1945 MHz	70 dB @ 1850-1865 MHz
Ripple in passband:	=/ < 0.1 dB	< 0.1 dB

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

Environmental	
Operating Temperature:	-40 to +70 deg.C
Storage Temperature:	-50 to +90 deg.C

## Outline Drawing:

