



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

# 1930-1945/1965-1980 MHz Cavity Duplexer

**Part Number: AD1937-1972D278**



Characteristics	Band 1 (Rx)	Band 2 (Tx)
Frequency:	1930-1945 MHz	1965-1980 MHz
Insertion loss:	<1.0 dB	<1.0 dB
Return loss:	18 dB	18 dB
Rejection:	30 dB@1965-1980 MHz	>30 dB@1930-1965 MHz
Isolation:	>30 dB	>30 dB
Ripple in passband:	<0.1 dB	<0.1 dB

Mechanical	
Mounting Method:	Threaded Mounting Holes
Connector Type:	SMA (F)
Dimensions:	4.12" x 2.00" x 1.50" in

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

## Outline Drawing:

