



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

**1735-1760 MHz / 1830-1855 MHz
-GSM-Cavity Duplexer**

Part Number: AE1747-1842DB170

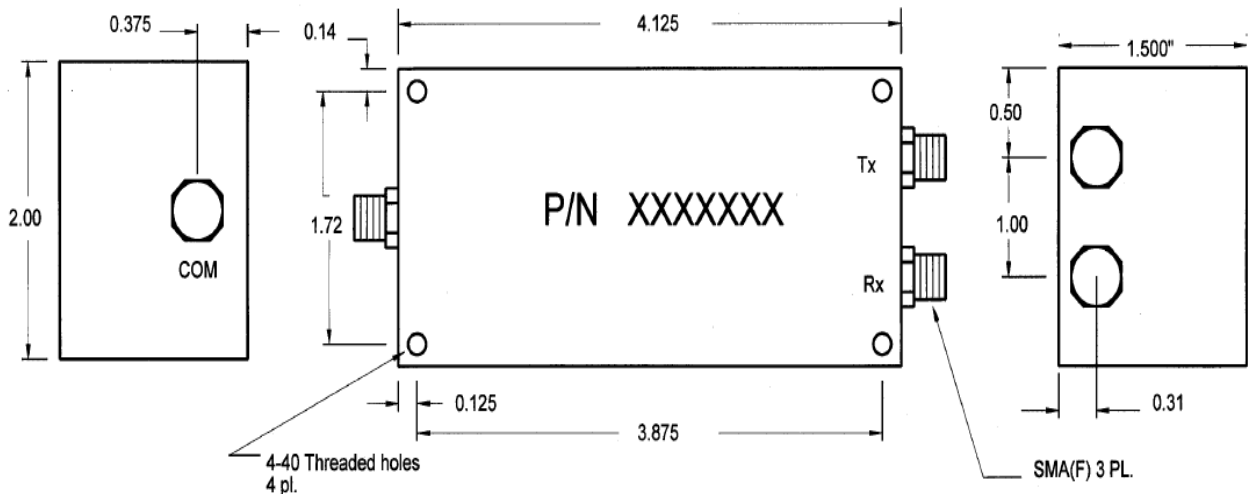


<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
Passband:	1735-1760 MHz	1830-1855 MHz
Bandwidth:	25 MHz	25 MHz
Passband Insertion Loss:	≤ 1.0dB	≤ 1.0dB
Passband Return Loss:	≥ 18dB	≥ 18dB
Isolation:	≥ 70dB	≥ 70dB

<u>Mechanical</u>	
Mounting Method:	Threaded Mounting Holes
Connector Type:	SMA(F)
Dimensions:	4.125 x 2.0 x 1.5 inches.

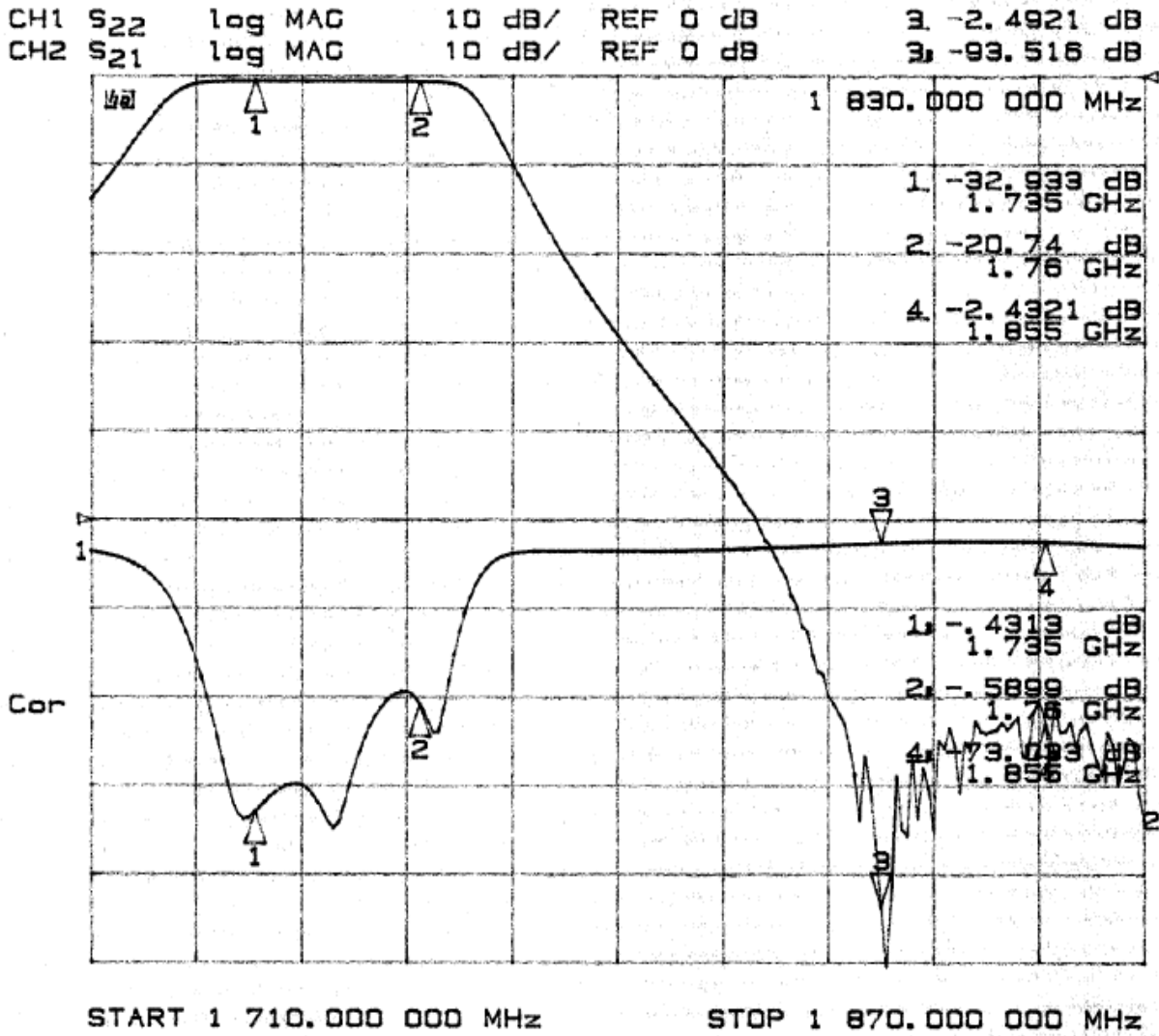
<u>Environmental</u>	
Operating Temperature:	-40 to +70 deg.C
Storage Temperature:	-50 to +85 deg.C

Outline Drawing:





Response Plot-1 :





Response Plot-2 :

