ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1526-1560 MHz / 1625-1662 MHz Cavity Duplexer

Part Number: AE1543-1643DB5161

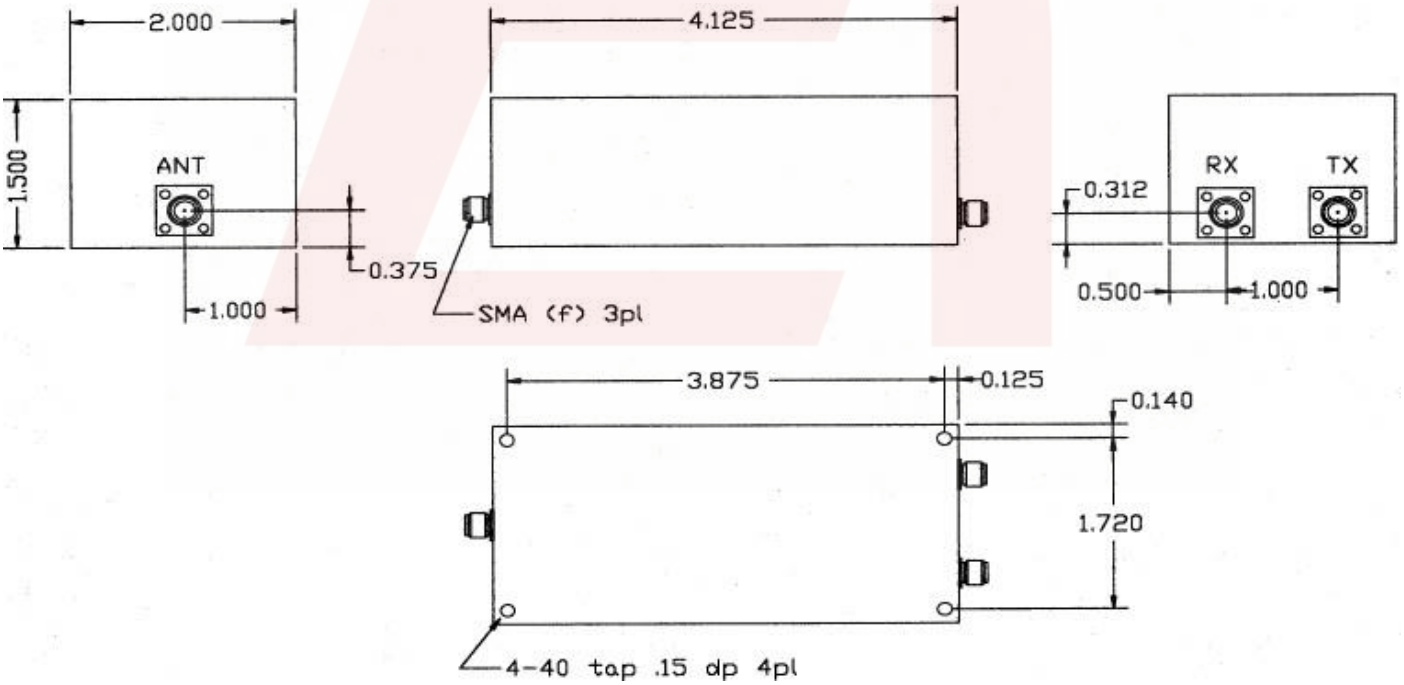
ISO 9001 CERTIFIED

Characteristics	Band 1 (RX)	Band 2 (TX)
Passband:	1526-1560 MHz	1625-1662 MHz
Bandwidth:	34 MHz	37 MHz
Passband Return Loss:	> 15 dB	> 15 dB
Passband Insertion Loss:	< 1 dB	< 1 dB
Passband Ripple:	< 0.1 dB	< 0.1 dB
Input / Output Impedance:	50 Ohms	50 Ohms
Isolation:	> 60 dB	> 60 dB
Power Handling:	30 Watts	30 Watts

Mechanical	
Mounting Method:	4-40 Threaded Mounting Holes
Connector Type:	SMA (F) Receptacle
Dimensions:	4.125 x 1.875 x 1.5 Inches

Environmental	
Operating Temperature:	-40 to +70 deg.C
Storage Temperature:	-50 to +90 deg.C
Shock:	20 G. 11ms
Vibration:	20 G. 5 to 200 Hz

Outline Drawing:



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