ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

3.5 GHz Cavity Duplexer

Part Number: AD3462-3562D289

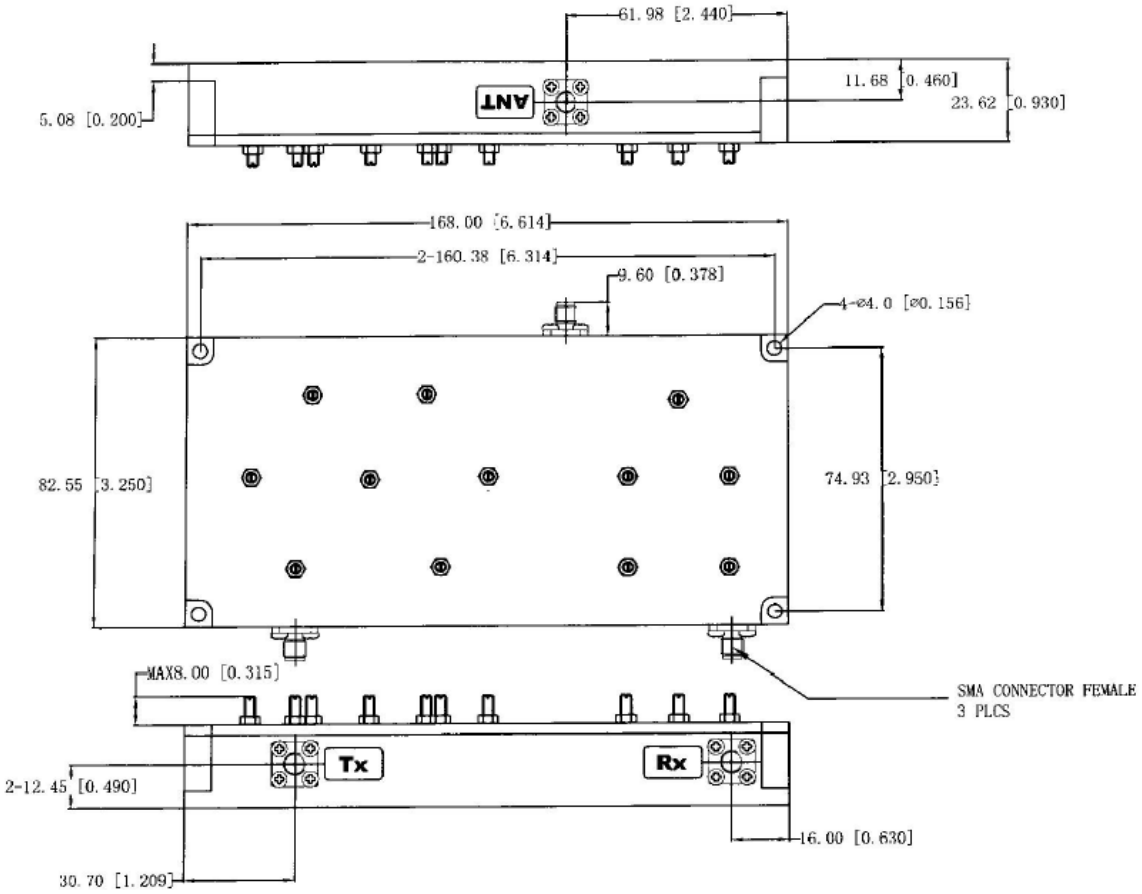
ISO 9001 REGISTERED FIRM

Characteristics	Band 1 (Rx)	Band 2 (Tx)
Frequency:	3462.5 MHz	3562.5 MHz
Bandwidth:	25 MHz	25 MHz
Insertion loss:	1.0 dB	1.0 dB
Return loss:	15 dB	15 dB
Ripple:	0.5 dB	0.5 dB
Attenuation:	40 dB@2500 MHz 35 dB@(RxFc+/-12.5)-121 MHz 50 dB@(RxFc+/-12.5)-484 MHz 50 dB@(rxFc+/-12.5) +100 MHz 40 dB@4-10.5 GHz	40 dB@2500 MHz 15 dB@TxFc+/-23 MHz 15 dB@TxFc+/-28 MHz 50 dB@(TxFc+/-12.5)-480 MHz 50 dB@(TxF+/-12.5)-100 MHz 80 dB@(TxFc+/-12.5)-100 MHz 40 dB@4-18 GHz

Mechanical	
Mounting Method:	Threaded Mounting Holes
Connector Type:	SMA (F)
Dimensions:	7.00” x 4.20” x 1.25” in

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

Outline drawing:



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