



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

3.5 GHz Cavity Duplexer

Part Number: AD3318-3394D244



Characteristics	Band 1 (Rx)	Band 2 (Tx)
Frequency:	3318 MHz	3394 MHz
Bandwidth:	12 MHz min	12 MHz min
Insertion loss:	1.0 dB	1.0 dB
Ripple:	0.5 dB	0.5 dB
Return loss:	15 dB	15 dB
Group delay variation:	60 ns across and 1.75 MHz	60 ns across any 1.75 MHz
Attenuation:	40 dB@2500 MHz 35 dB@(RxFc+/-6)-121 MHz 50 dB@(RxFc+/-6)-484 MHz 50 dB@RxFc+/-6)+76 MHz 40 dB@4GHz-10.5 GHz	40 dB@2500 MHz 35 dB@(RxFc+/-6)-121 MHz 50 dB@(RxFc+/-6)-484 MHz 50 dB@RxFc+/-6)+76 MHz 40 dB@4GHz-10.5 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:

