



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2360-2420 / 2435-2495 MHz Cavity Duplexer

Part Number: AD2390-2465D373

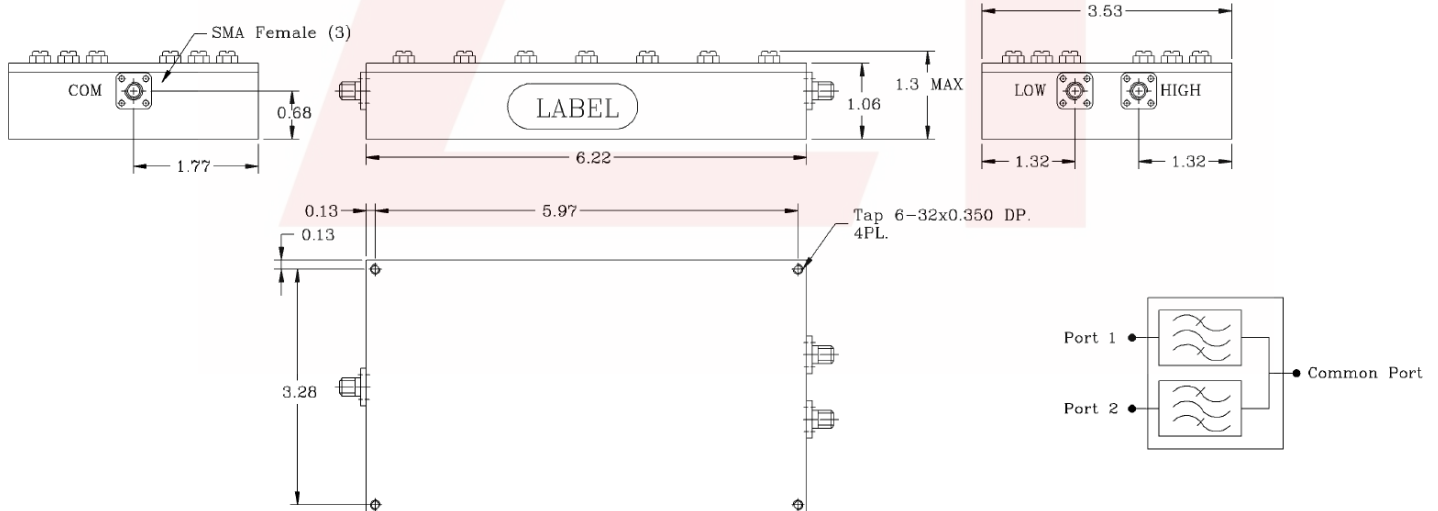


Characteristics	Band 1 (Rx)	Band 2 (Tx)
Frequency:	2360-2420 MHz	2435-2495 MHz
Insertion loss:	1.4 dB Max.	1.5 dB Max.
Ripple:	0.5 dB Max.	0.5 dB Max.
Attenuation:	80 dB Min@2435-2495 MHz	80 dB Min@2360-2420 MHz
Return loss:	17 dB Min.	17 dB Min.
Impedance:	50 Ohm	50 Ohm
Power Handling:	50 watts Ave. @ common port.	

Mechanical	
Mounting Method:	Threaded Holes
Connector Type:	SMA (F)
Dimensions:	6.22" x 3.53" x 1.3" in

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

AD2390-2465D373 Outline drawing:



2 decimal places: +/-0.01 inches [+/- 0.3mm]
3 decimal places: +/- 0.005 inches [+/- 0.13mm]
Angles: +/- 1 Deg.

When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.



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Response Plot:

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Tr1 S11 Log Mag 5.000 dB/ +0.000 dB [F2 Dat]
Tr2 S21 Log Mag 10.00 dB/ +0.000 dB [F2]

