



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 5470-5570 MHz / 5630-5730 MHz Cavity Duplexer

**Part Number: AD5520-5680D313-S**



Characteristics	Band 1	Band 2
Passband:	5470-5570 MHz	5630-5730 MHz
Bandwidth:	100 MHz	100 MHz
Passband Return Loss:	>15 dB	>15 dB
Passband Insertion Loss:	< 3 dB	< 3 dB
Ins. Loss @ Fo +/- 10MHz	<1.7 dB	<1.7 dB
Passband Ripple:	0.2 dB	0.2 dB
Input / Output Impedance:	50 Ohms	50 Ohms
Isolation:	>75 dB	>75 dB
Power Handling:	25 Watts	25 Watts

Mechanical	
Mounting Method:	6-32 Threaded Mounting Holes
Connector Type:	SMA (F)
Dimensions:	98 x 73 x 29mm

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

## Outline Drawing:

