



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

# 800-2200 MHz / 3400-3600 MHz Cavity Duplexer

**Part Number: AD1500-3500D294**



<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
<b>Passband:</b>	800-2200 MHz	3400-3600 MHz
<b>Bandwidth:</b>	1400 MHz	200 MHz
<b>Passband Return Loss:</b>	> 10 dB	> 17.7 dB
<b>Passband Insertion Loss:</b>	< 1 dB	< 1 dB
<b>Passband Ripple:</b>	0.2 dB	0.2 dB
<b>Input / Output Impedance:</b>		
<b>Isolation:</b>	> 40 dB	> 40 dB
<b>Power Handling:</b>		

<u>Mechanical</u>	
<b>Mounting Method:</b>	6-32 Threaded Mounting Holes
<b>Connector Type:</b>	N-Type (F)
<b>Dimensions:</b>	100 x 80 x 29 mm

<u>Environmental</u>	
<b>Operating Temperature:</b>	-40 to +70 deg.C
<b>Storage Temperature:</b>	-50 to +90 deg.C

## Outline Drawing:

