



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

**896-901 MHz / 941-946 MHz  
Cavity Diplexer  
Part Number: AD898-943D475**



<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
<b>Center Frequency:</b>	898.5 MHz	943.5 MHz
<b>Passband:</b>	896-901 MHz	941-946 MHz
<b>Bandwidth:</b>	5 MHz	5 MHz
<b>Passband Return Loss:</b>	>18 dB	>18 dB
<b>Passband Insertion Loss:</b>	< 1.5 dB	< 1.5 dB
<b>Passband Ripple:</b>	0.2 dB	0.2 dB
<b>Input / Output Impedance:</b>	50 Ohms	50 Ohms
<b>Isolation:</b>	>50 dB	>50 dB
<b>Power Handling:</b>	50 Watt	50 Watt

<u>Mechanical</u>	
<b>Mounting Method:</b>	Threaded Mounting Holes
<b>Connector Type:</b>	SMA (F)
<b>Dimensions:</b>	3.90 x 2.20 x 1.93 In

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

**Outline Drawing:**

