



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

## 900 MHz LC Band Pass Filter

Part Number: **AE900B5598**



### Electrical Specifications

**Center Frequency:** 900 MHz  
**Passband :** 800-1000 MHz  
**Insertion Loss:** 1.5 dB Max.  
**Return Loss:** 12 dB Min.  
**Rejection:** 40 dB Min. @ 1292 MHz

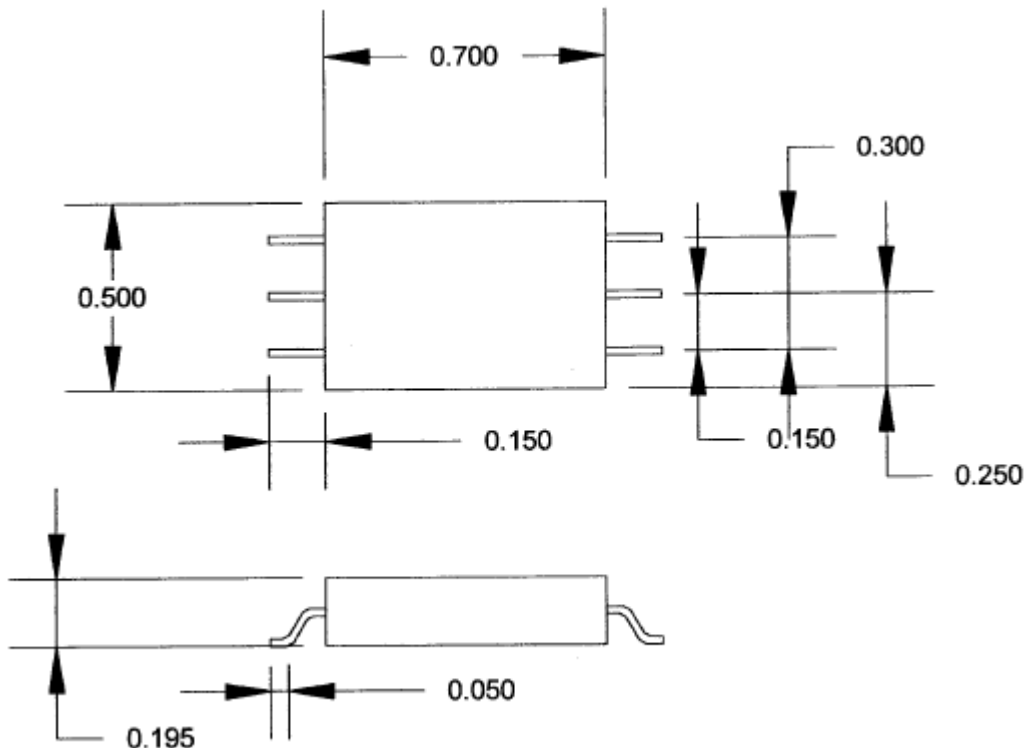
### Mechanical

**Connector Type:** SMT  
**Dimensions:** 0.7" X 0.5" x 0.195" .

### Environmental

**Operating Temperature:** -25°C to +70°C  
**Storage Temperature:** -40°C to +90°C  
**Shock:** 10 G. 11ms  
**Vibration:** 10 G. 5 to 200Hz

### Outline Drawing:



Tolerance: +/-0.01 inches [+/- 0.3mm]

Angles: +/- 1 Deg.

*\*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.*

*\*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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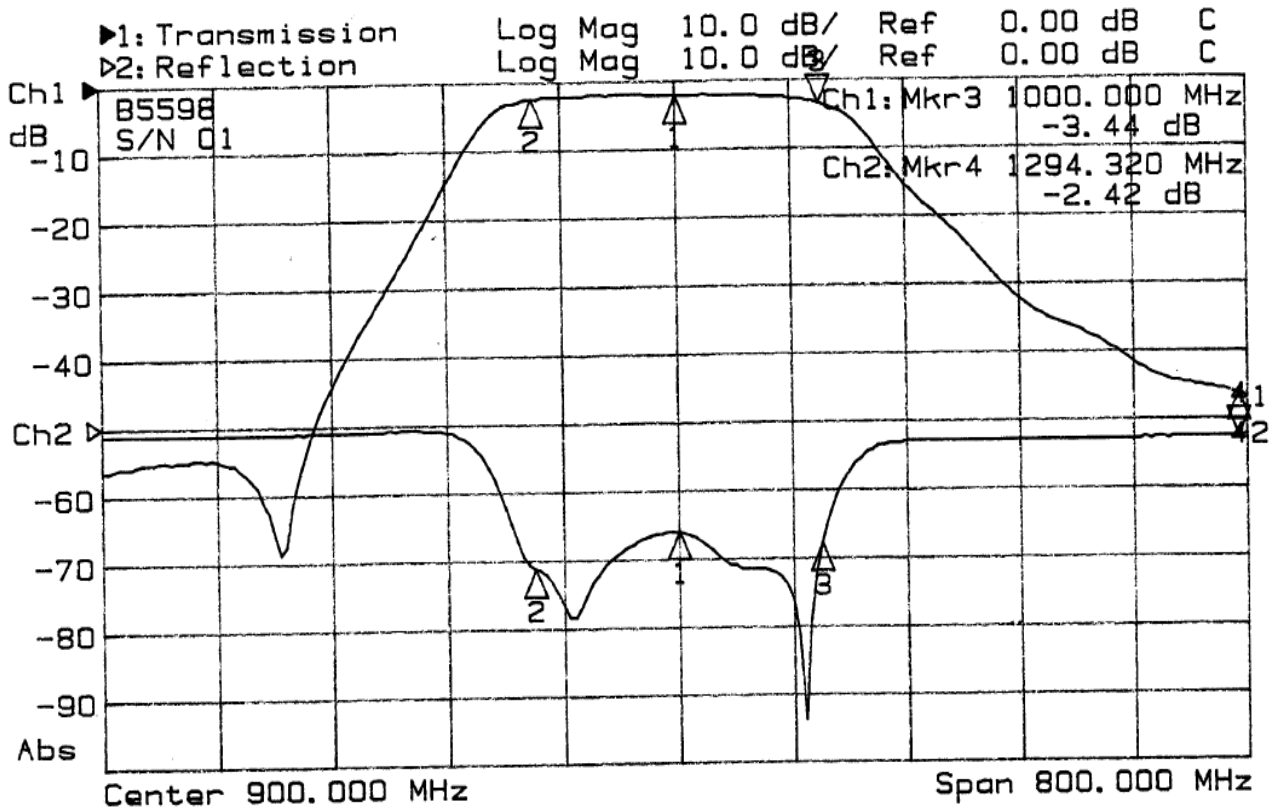
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## Response Plot:



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1: 900.00	-2.14	1: 900.00	-16.02
2: 800.00	-2.50	2: 800.00	-21.17
3: 1000.00	-3.44	3: 1000.00	-17.92
4: 1294.32	-46.25	4: 1294.32	-2.42