



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

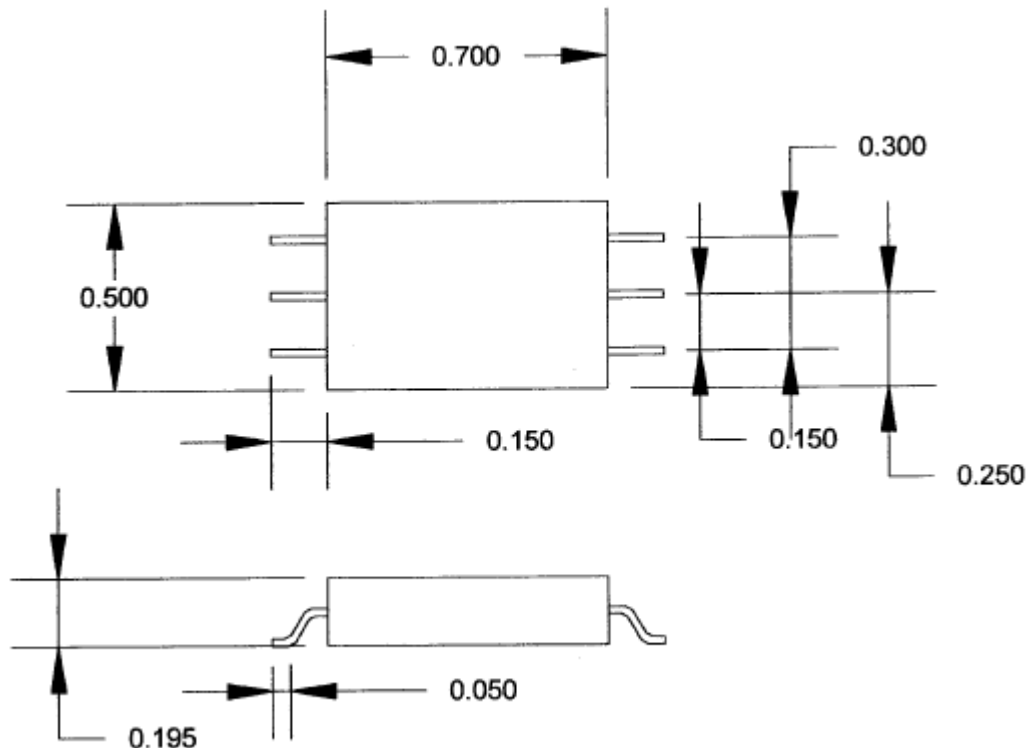
Mechanical

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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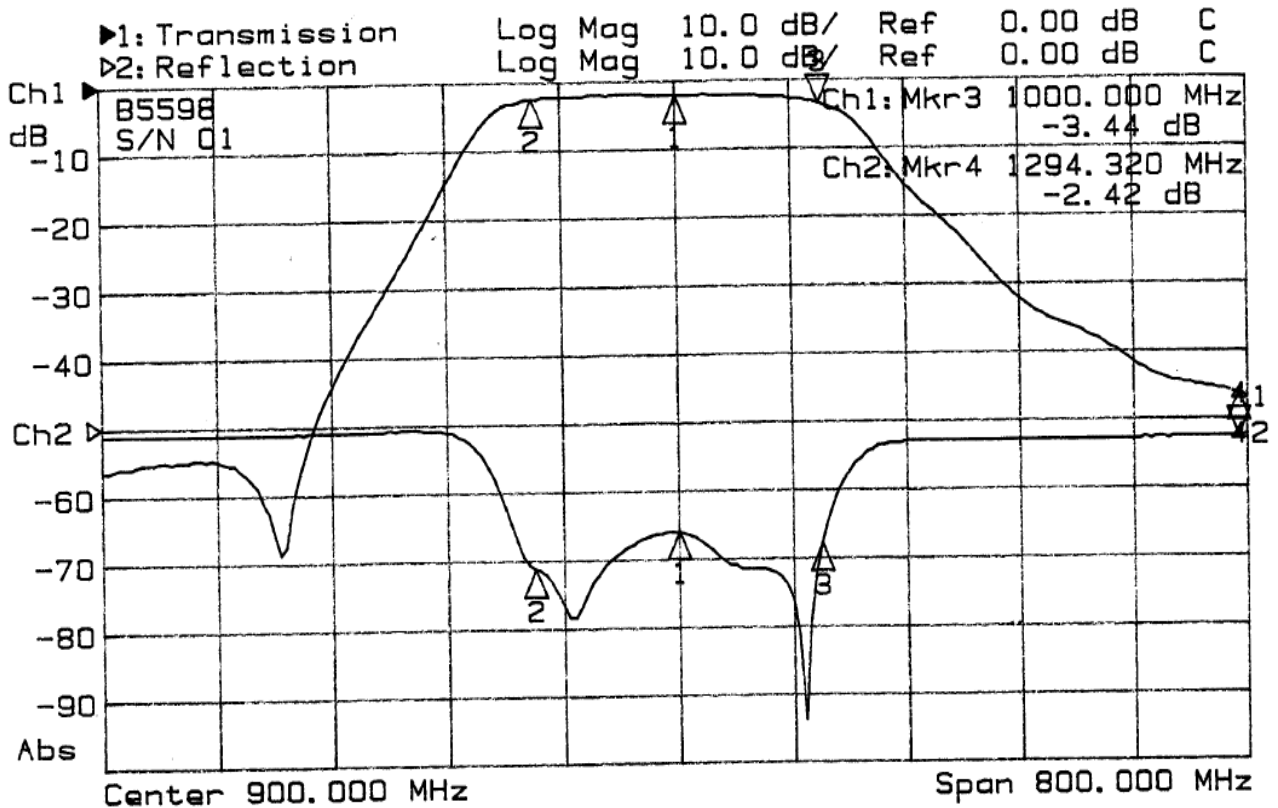
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Response Plot:



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