

SAW Filter 930MHz
Part No: MA05608

Model: TA0254A
Rev No: 1

A. MAXIMUM RATING:

1. Input Power Level: 13dBm
2. DC voltage: 0V
3. Operating Temperature: 0°C to +70°C
4. Storage Temperature: -20°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Parameter	Min.	Typ.	Max.	Unit
Center Frequency Fc	-	930	-	MHz
Insertion Loss IL within 920 ~ 940MHz	-	2.2	3	dB
Amplitude Ripple (p-p) within 920 ~ 940MHz	-	0.4	1	dB
Attenuation (Reference level from 0dB)				
DC ~ 890MHz	25	29	-	dB
970 ~ 2000MHz	25	31	-	dB
Return Loss within 920 ~ 940MHz	12	15	-	dB
Group Delay Variation in any 2MHz Bandwidth	-	4	7	ns
Source impedance Z _s	-	50	-	Ω
Load impedance Z _L	-	50	-	Ω

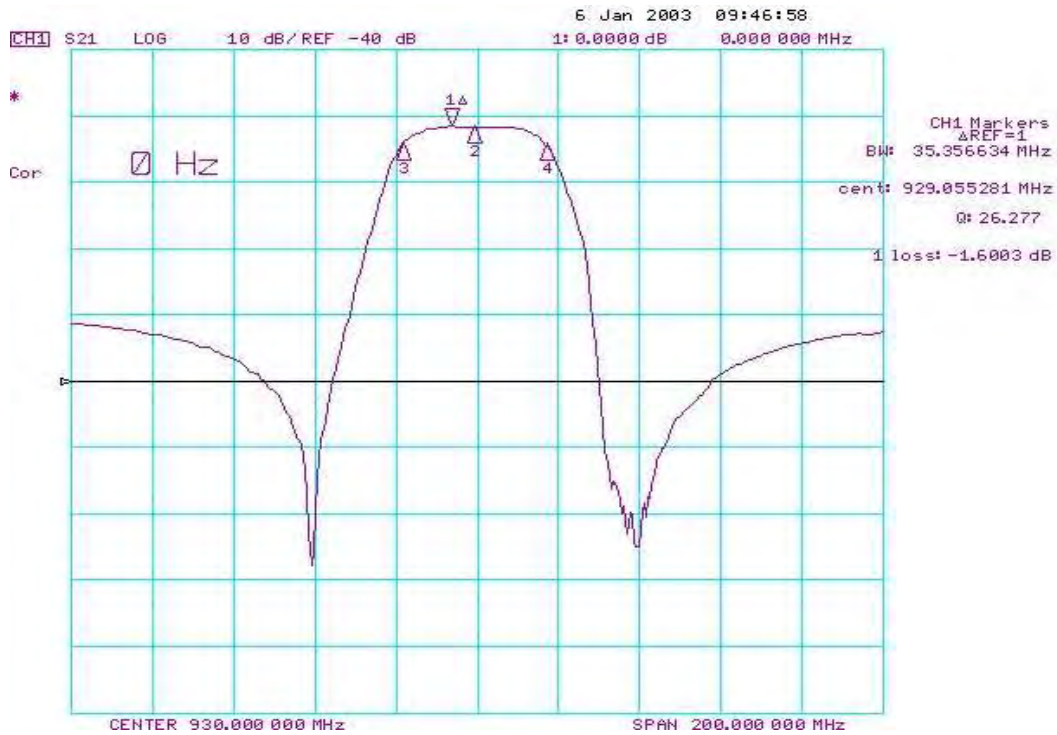
Note: No matching network required for operation at 50Ω

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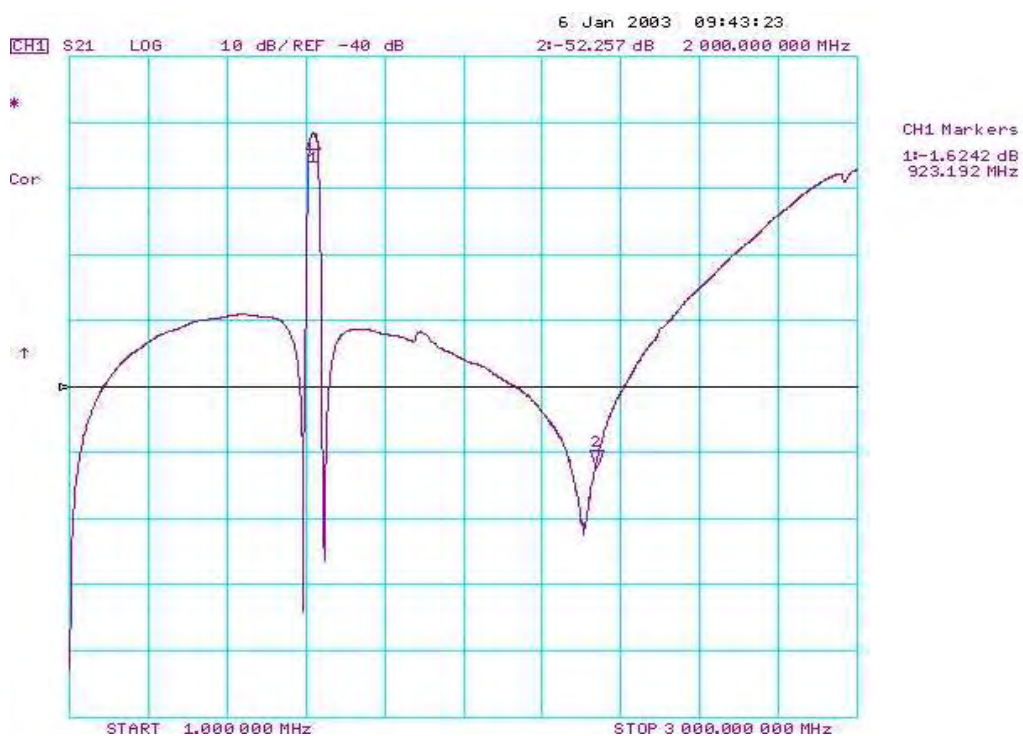
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C. FREQUENCY CHARACTERISTICS:

Transfer function



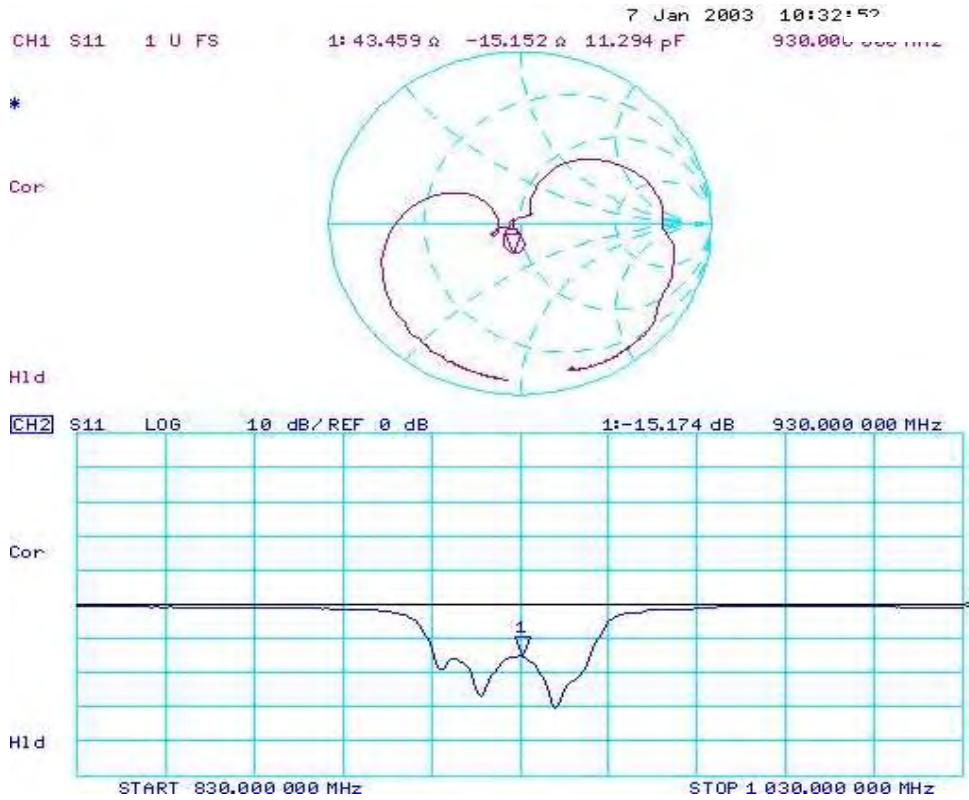
Wideband Response



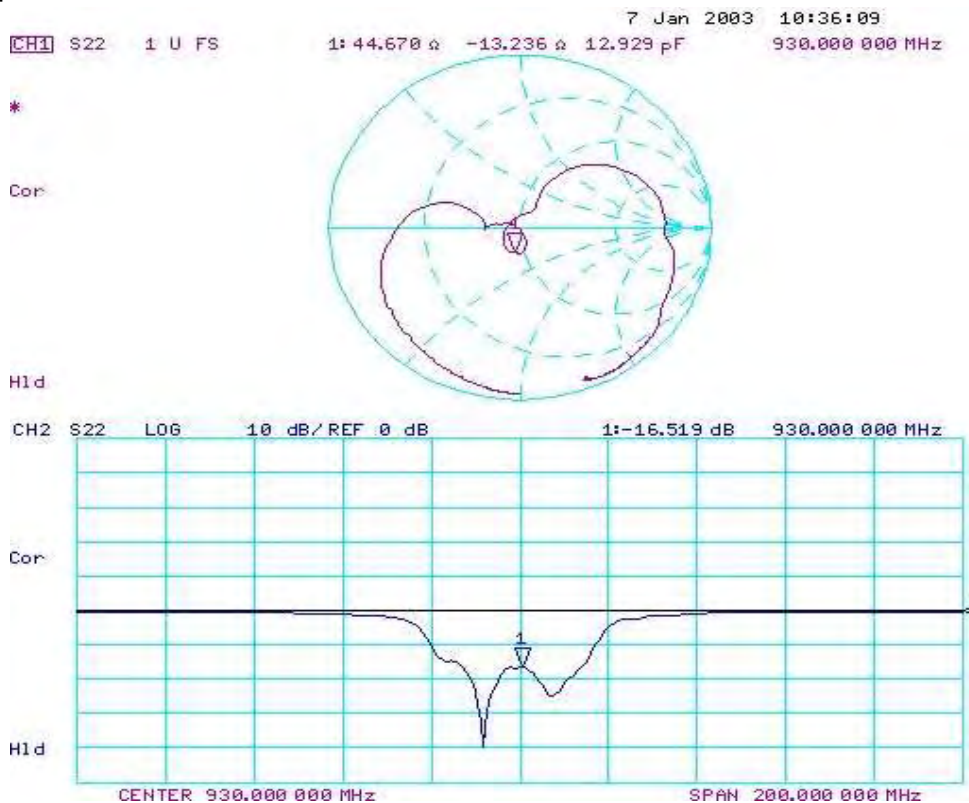
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Input VSWR



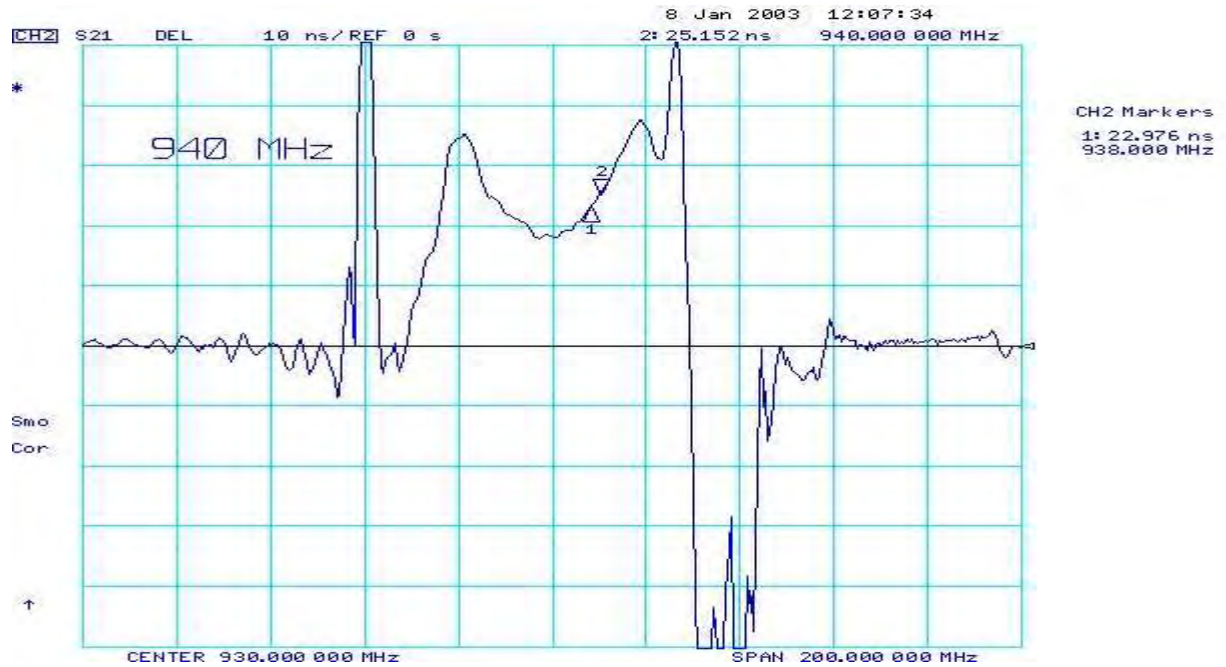
Output VSWR



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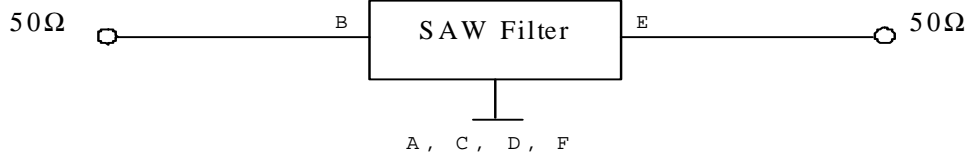
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Group Delay

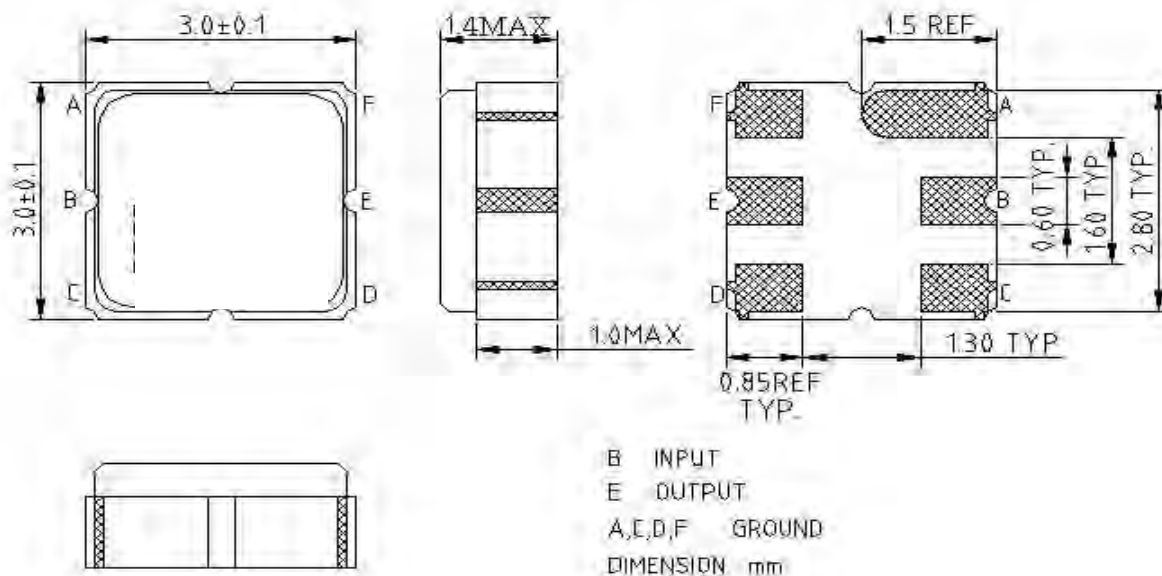


D. MEASUREMENT CIRCUIT:

HP Network analyzer



E. OUTLINE DRAWING:

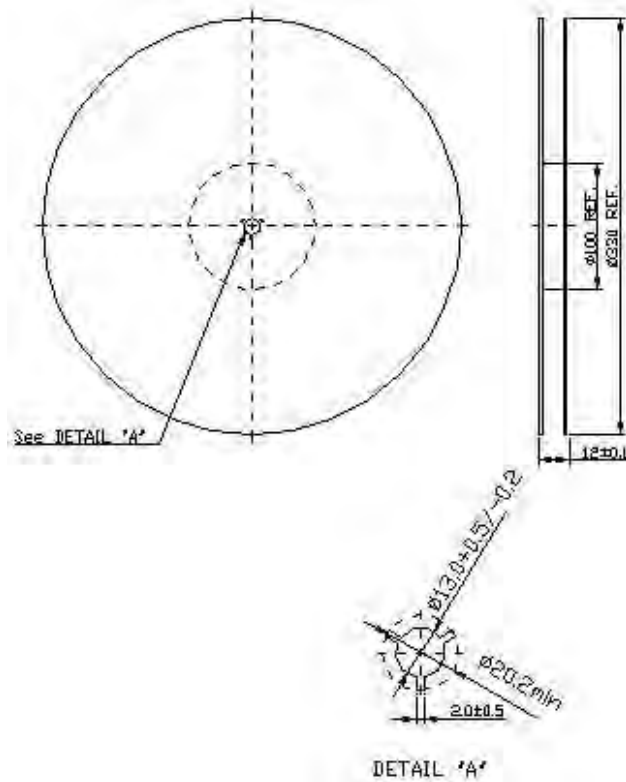


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F. PACKING:

1. Reel Dimension



2. Tape Dimension

