

SAW Filter 881.5MHz
Part No: MA05677

Model: TA0233A
Rev No: 3

A. MAXIMUM RATING:

1. Input Power Level: 10dBm
2. DC voltage: 0V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

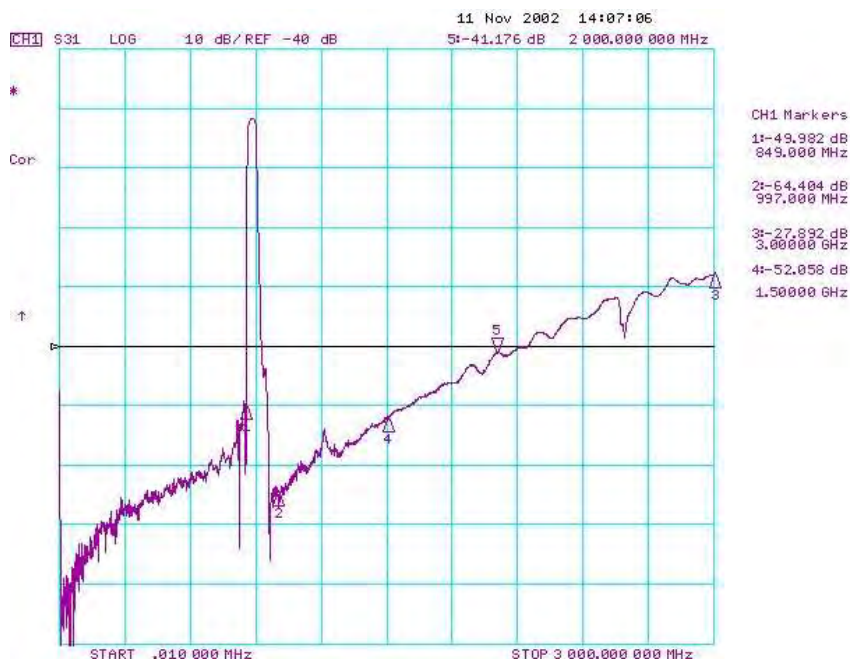
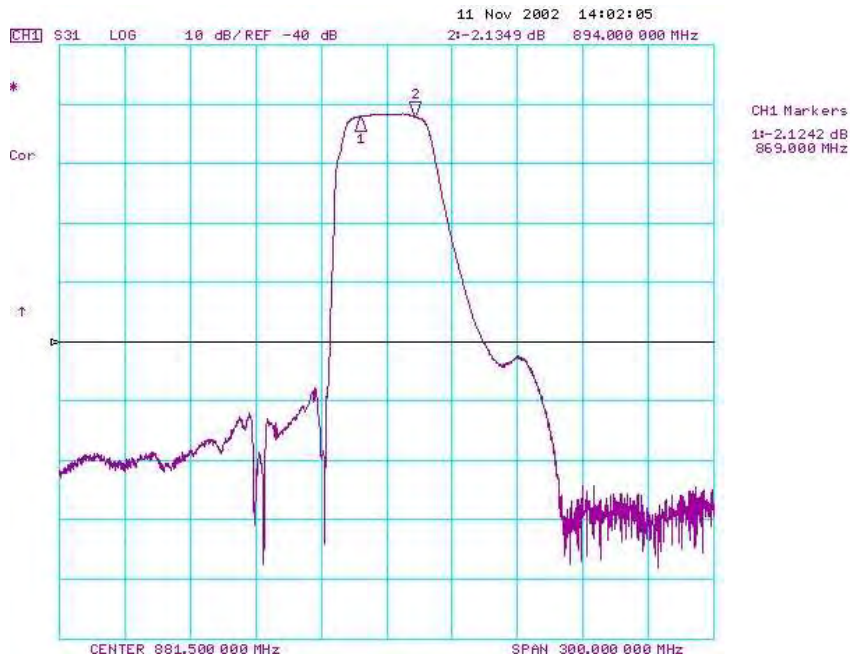
Item	Min.	Typ.	Max.
Center frequency Fc MHz	-	881.5	-
Insertion loss 869 ~ 894MHz IL (dB)	-	2.3	3.0
Amplitude ripple 869 ~ 894MHz (dB)	-	0.8	1.5
Attenuation (Reference level from 0dB)			
DC ~ 824MHz (dB)	40	50	-
824 ~ 849MHz (dB)	35	47	-
970 ~ 997MHz (dB)	35	64	-
997 ~ 1150MHz (dB)	40	60	-
1150 ~ 1500MHz (dB)	30	51	-
1500 ~ 2000MHz (dB)	25	41	-
2000 ~ 3000MHz (dB)	20	27	-
VSWR 869 ~ 894MHz	-	1.6	2.0
Source impedance Z _S (Ω)	-	50	-
Load impedance Z _L (Ω)	-	50	-

Note: No matching network required for operation at 50Ω

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C. FREQUENCY CHARACTERISTICS:

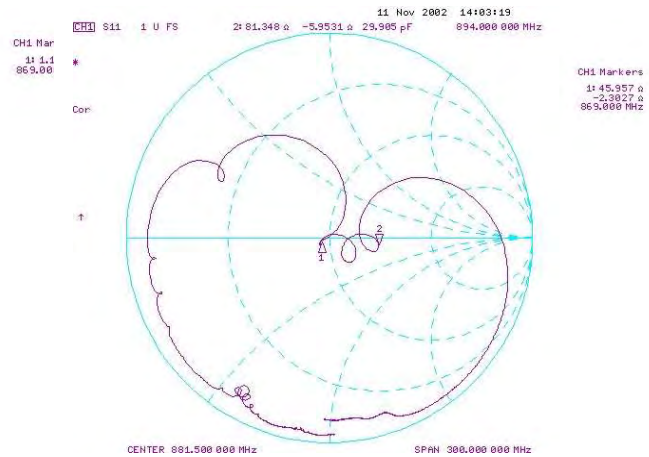


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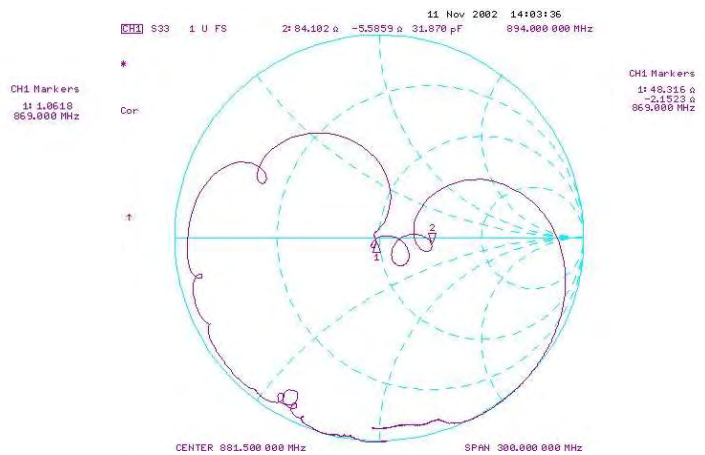
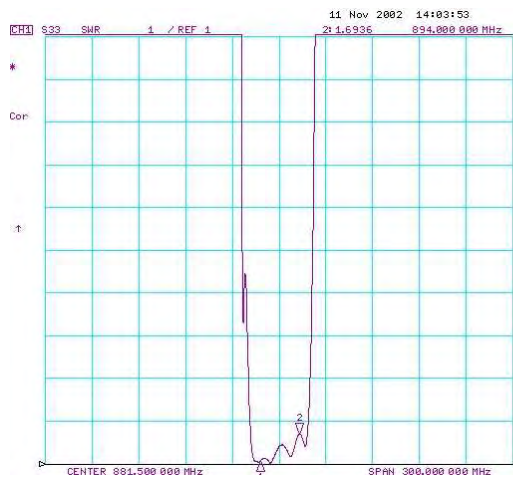
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Reflection functions

S11



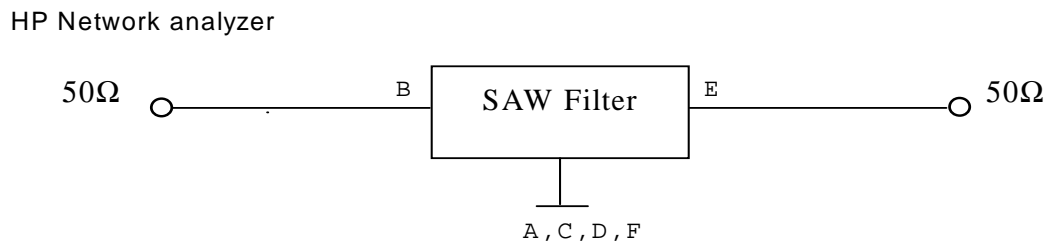
S22



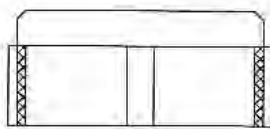
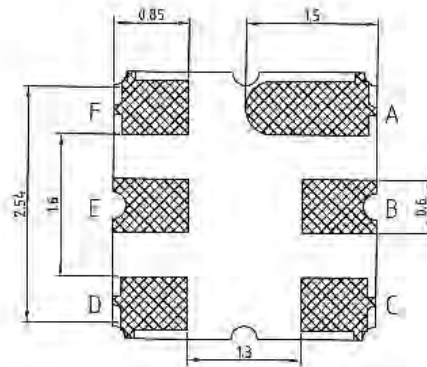
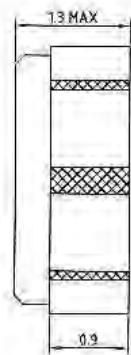
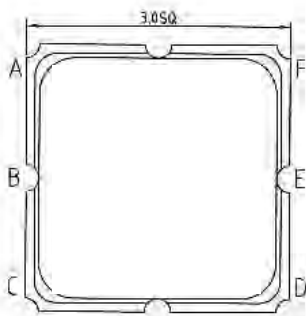
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E. MEASUREMENT CIRCUIT:



F. OUTLINE DRAWING:



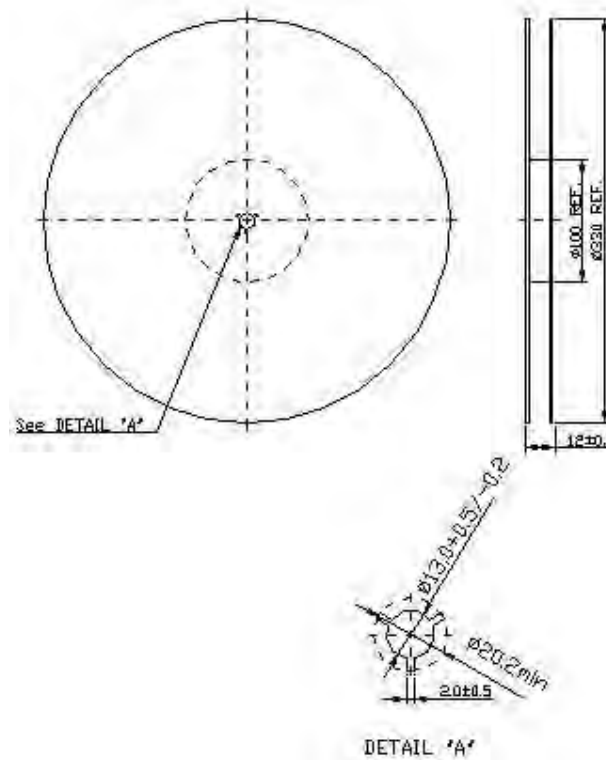
B: Input
 E: Output
 A, C, D, F: Ground
 Unit: mm

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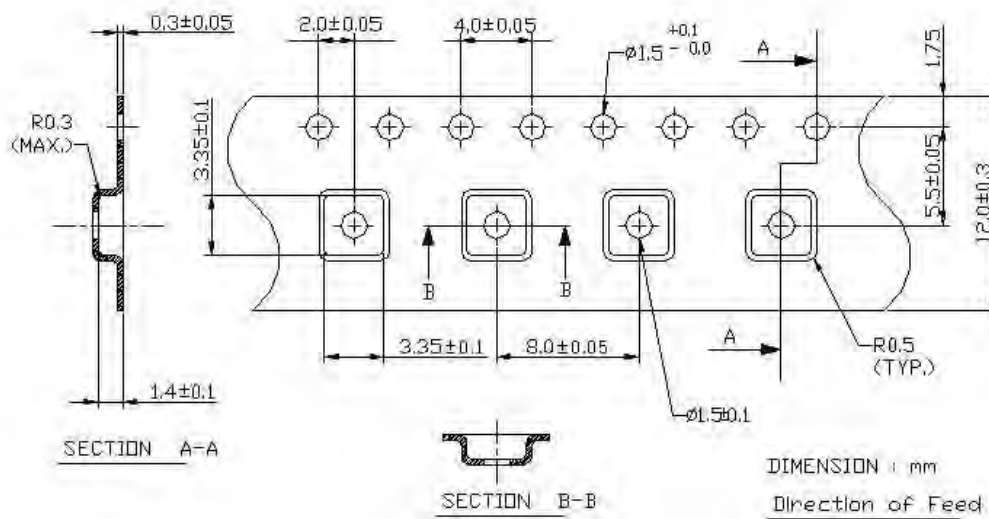
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G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



Note: Pocket position relative to sprocket hole measured as true position of pocket, not pocket hole.