



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
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Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 836.5MHz SMD3.0x30 for CDMA

TST Parts No.: TA836GG

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ C.P. Yang

Approval by: _____ Vincent Lee

Date: _____ June, 05, 2001



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SAW Filter 836.5 MHz For CDMA

MODEL NO.: TA836GG

REV. NO.: 1

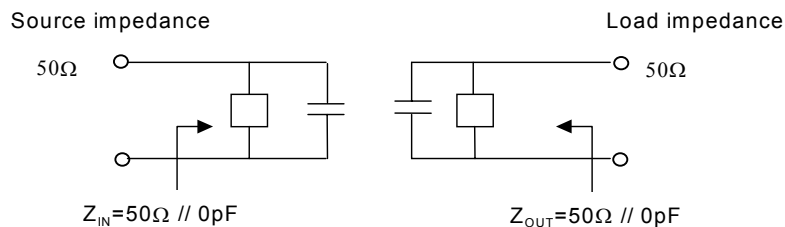
A. MAXIMUM RATING:

1. Input Power Level: +15 dB_m
2. DC voltage: -5~+5 V
3. Operating Temperature: -30°C ~ +85°C
4. Storage Temperature: -40°C ~ +100°C

B. ELECTRICAL CHARACTERISTICS:

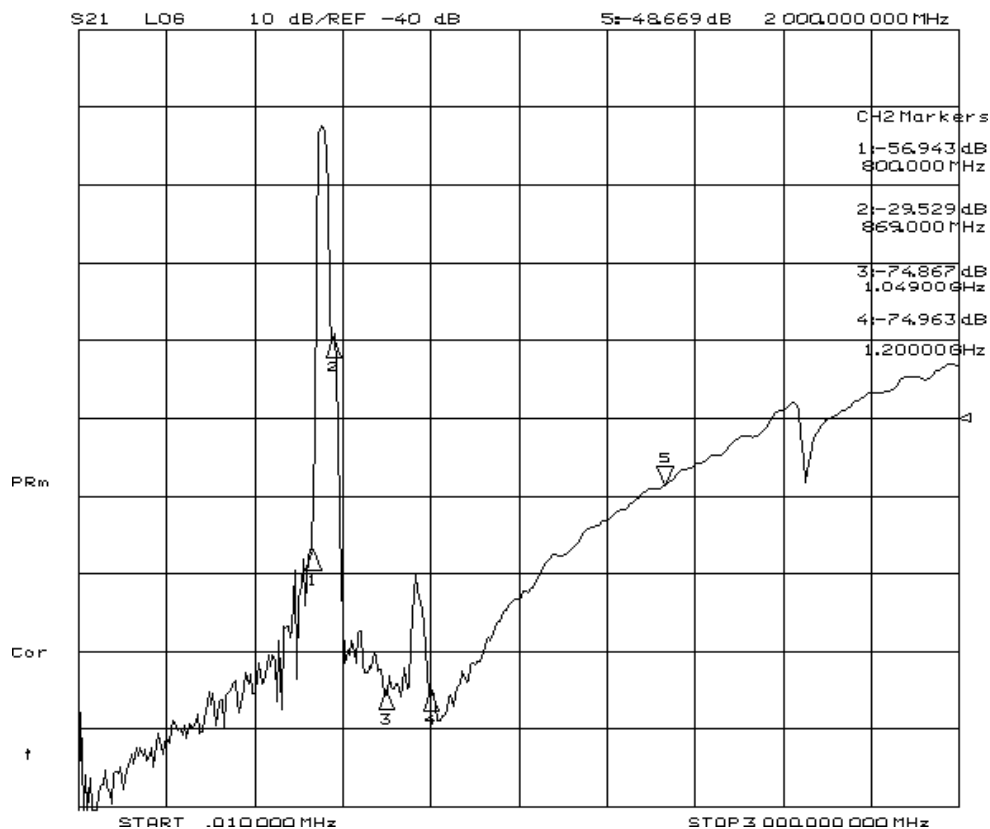
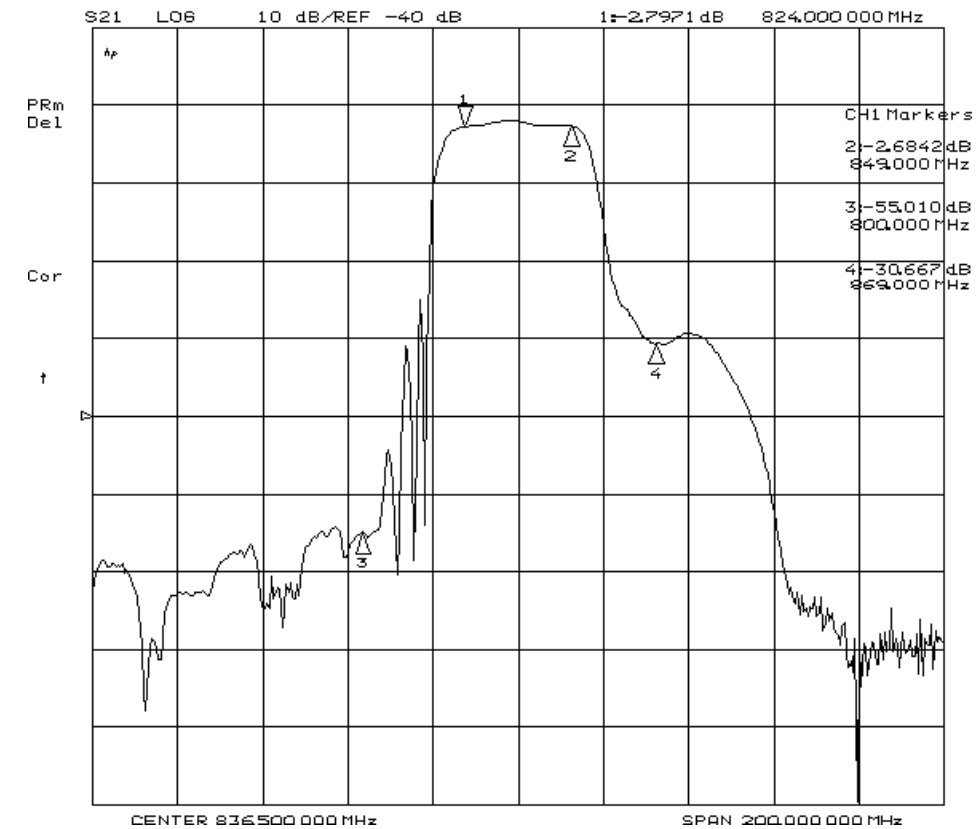
Characteristics			Value			Note
			Min.	Typ.	Max.	
Center frequency	F_c	MHz	-	836.5	-	-
Insertion loss(824 ~ 849 MHz) I.L.		dB	-	2.8	3.5	-
V.S.W.R(824 ~ 849 MHz)		dB	-	1.6	2.0	-
Ripple(824 ~ 849 MHz)		dB	-	0.7	1.6	-
Attenuation:(Reference level from 0 dB)						
1) D.C. ~ 800 MHz		dB	50	55.8	-	-
2) 869 ~ 1049 MHz		dB	28	31.2	-	-
3) 1049 ~ 1200 MHz		dB	50	57.1	-	-
4) 1200 ~ 2000 MHz		dB	45	48.6	-	-
Impedance at F_c ; Input	$Z_{IN}=R_{IN}/C_{IN}$		50Ω // 0 PF			1
Output	$Z_{OUT}=R_{OUT}/C_{OUT}$		50Ω // 0 PF			1

Note1.



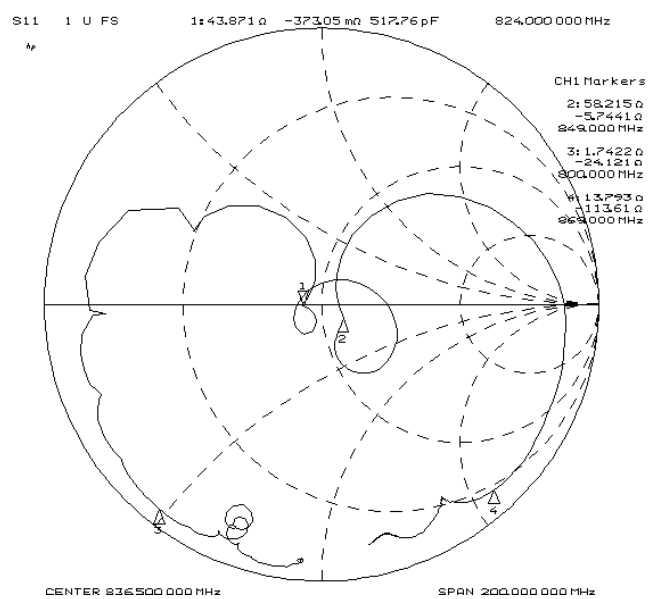
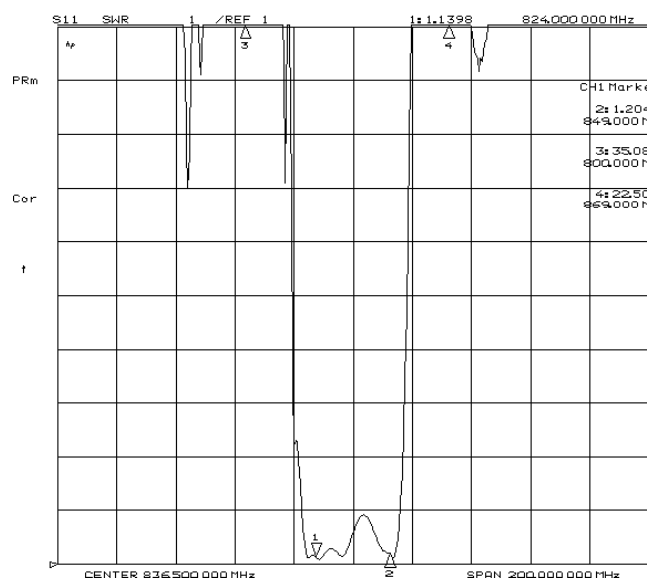
C. FREQUENCY CHRACTERISTICS:

1. wideband response:

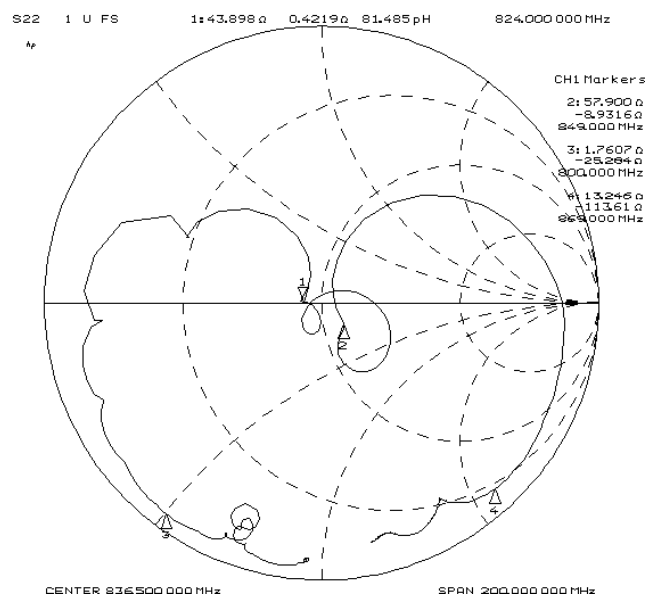
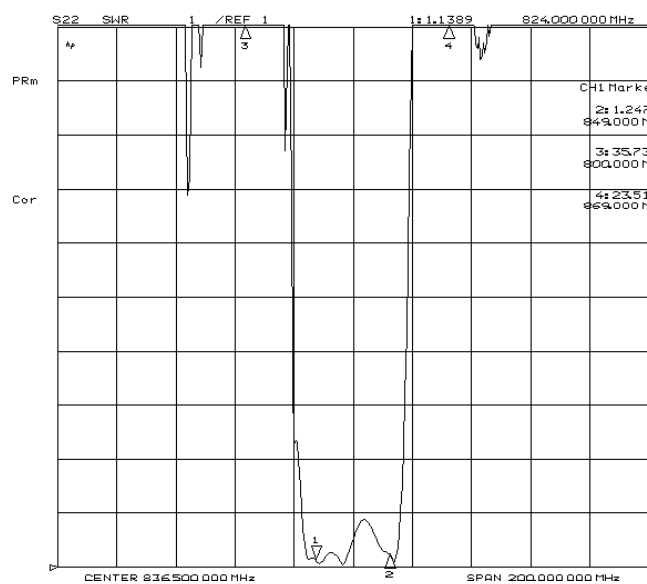


2. VSWR and smith chart:

S11

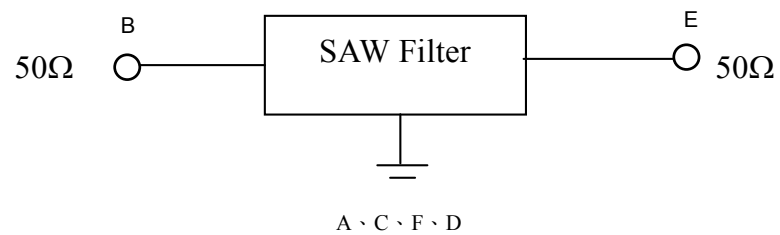


S22

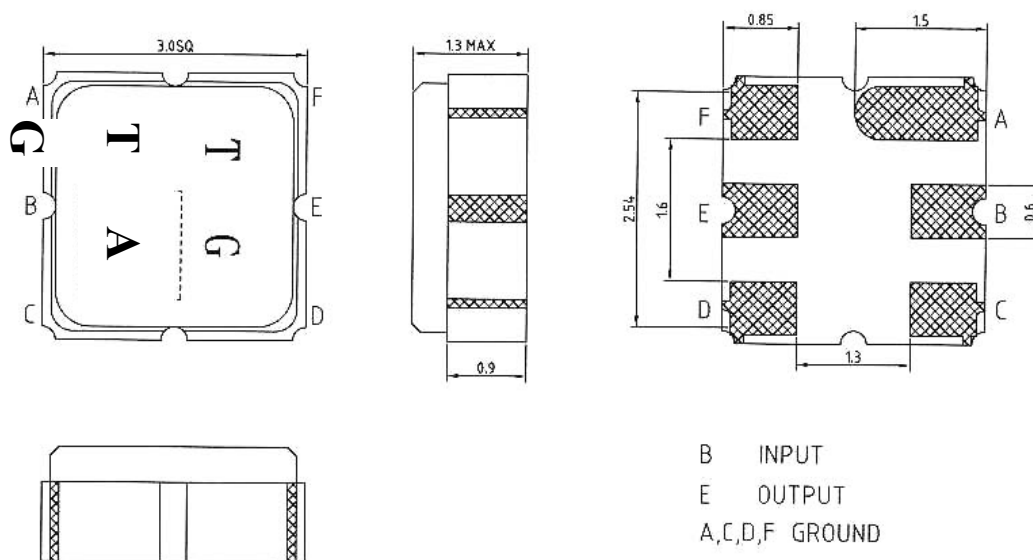


D. MEASUREMENT CIRCUIT:

Network analyzer

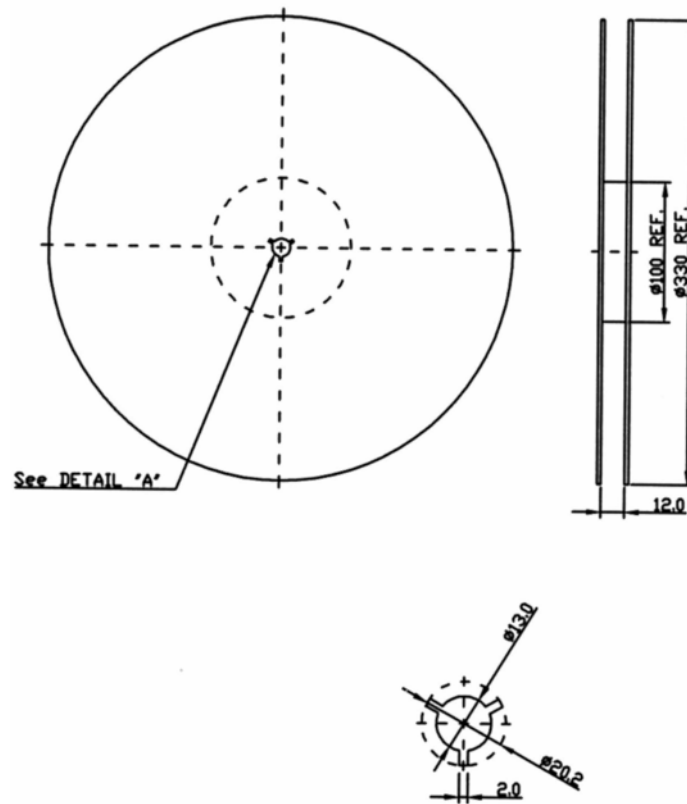


E. OUTLINE DRAWING:



F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

