



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: May, 13, 2005

Product Name: SAW Filter 942.5 MHz SMD 3X3 mm

TST Parts No.:TA942GG

Customer Parts No.: _____

Company: _____
Division: _____
Approved by : _____
Date: _____

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 5, 13, 2005



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SAW Filter 942.5 MHz for EGSM

MODEL NO.: TA942GG ~ Low Loss type ~

REV. NO.:2

A. MAXIMUM RATING:

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

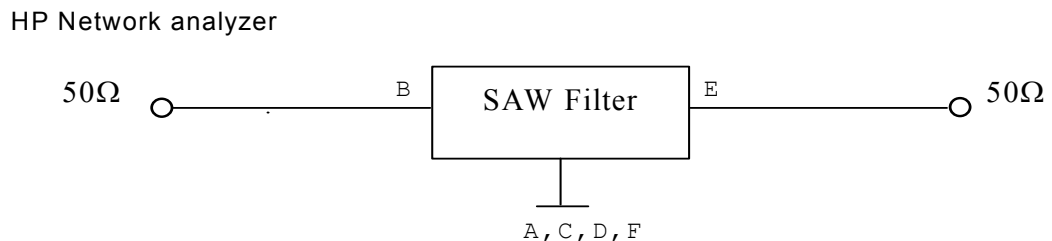
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

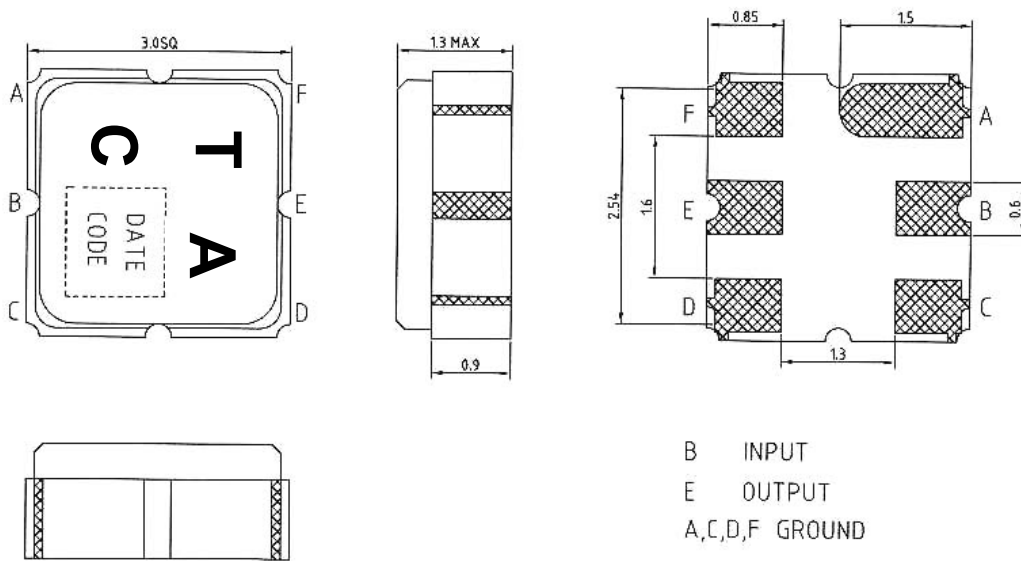
Item		Min.	Typ.	Max.
Center frequency	F_c (MHz)	-	942.5	-
Insertion loss (925~960 MHz)	IL (dB)	-	2.2	3.0
Amplitude ripple (925~960 MHz)	(dB)	-	0.8	1.5
Attenuation (Reference level from 0 dB)				
DC ~ 905 MHz	(dB)	17.0	20.5	-
905 ~ 915 MHz	(dB)	5.0	15.0	-
980 ~ 1000 MHz	(dB)	13.0	30.0	-
1000 ~ 2000 MHz	(dB)	20.0	23.0	-
VSWR (925~960 MHz)		-	2.2	2.7
Source impedance	Z_s (Ω)	-	50	-
Load impedance	Z_L (Ω)	-	50	-

Note1. The standard definitions is in JIS C 6703

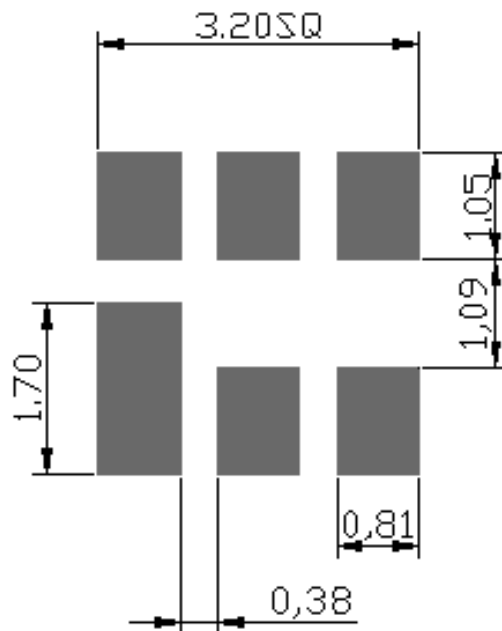
C. MEASUREMENT CIRCUIT:



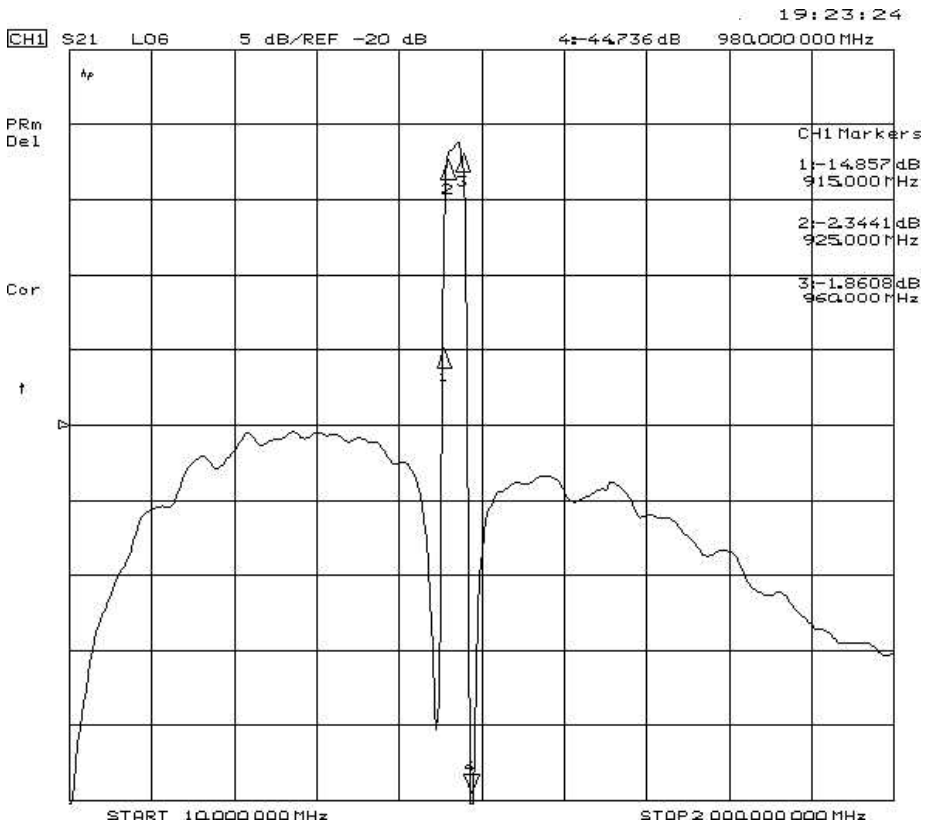
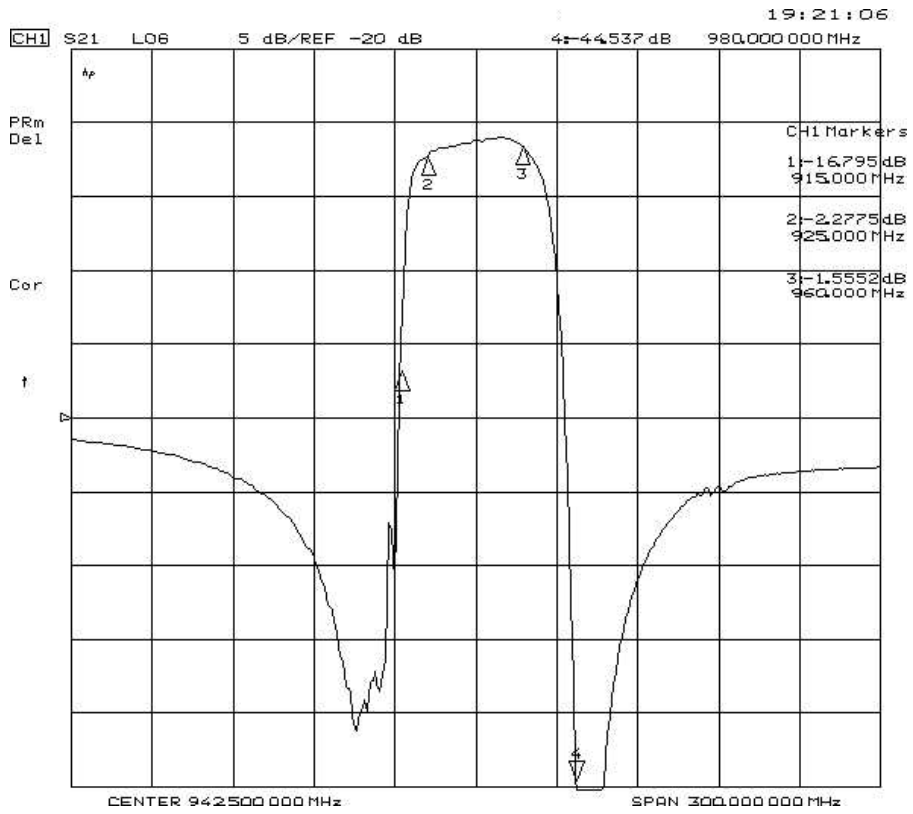
D. OUTLINE DRAWING:



E. PCB Footprint:

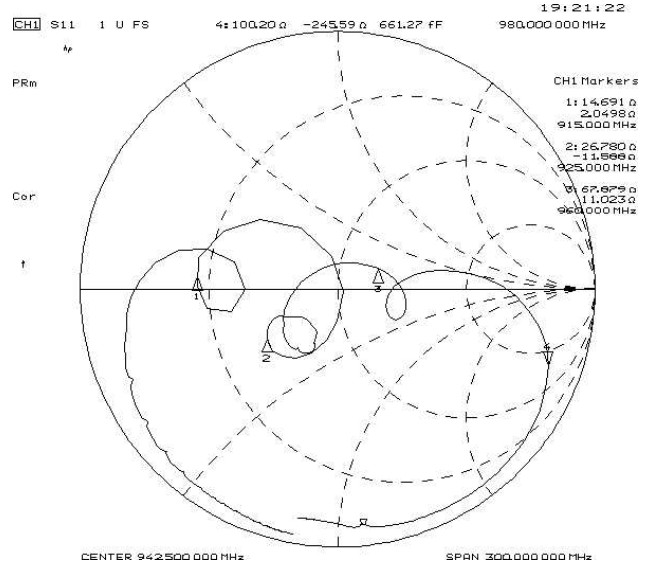
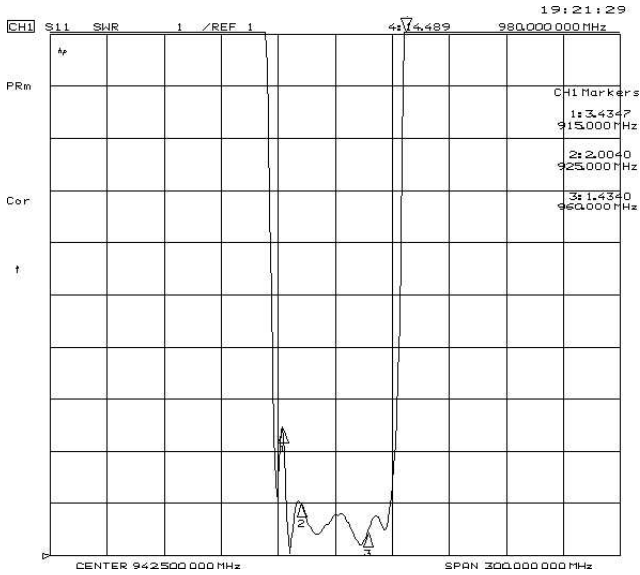


F. Frequency Characteristics : Transfer function

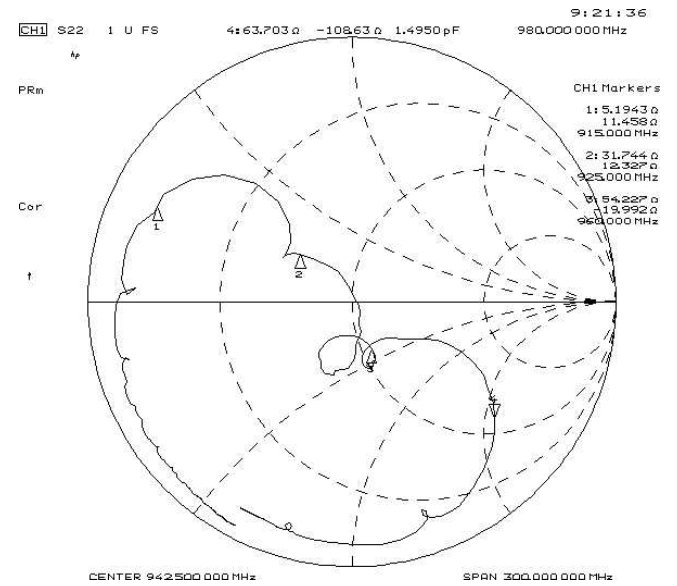
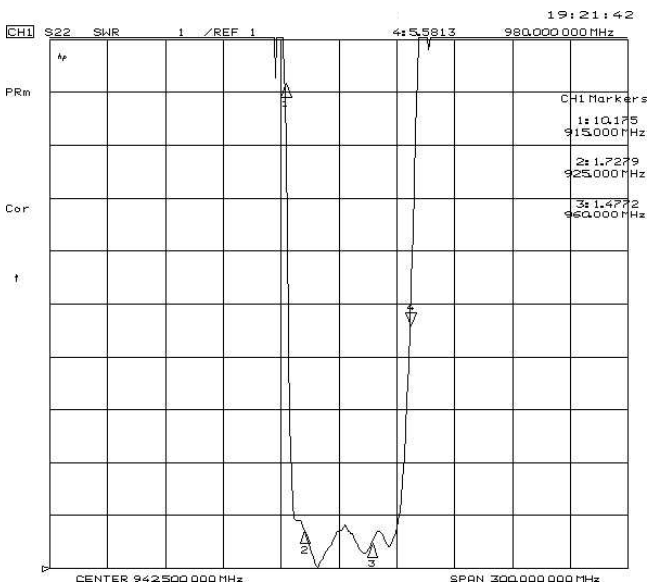


Reflections Functions :

S11 VSWR

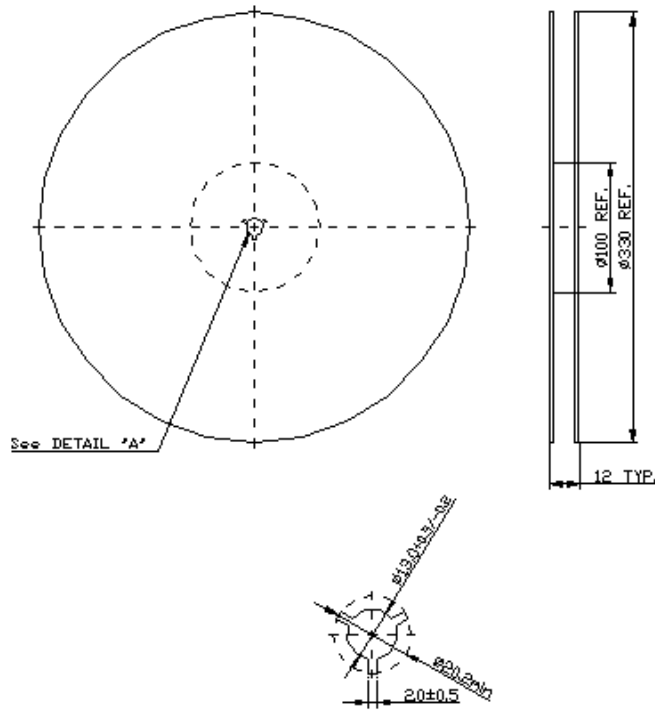


S22 VSWR



G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

