



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, 7, 2003

Product Name: SAW Filter 915 MHz SMD 3.8X3.8 mm

TST Parts No.:TA915FC

Customer Parts No.: _____

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

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 5, 07, 2003



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SAW Filter 915 MHz for ISM900

MODEL NO.: TA915FC ~ High Attenuation ~

REV. NO.:2

A. MAXIMUM RATING:

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

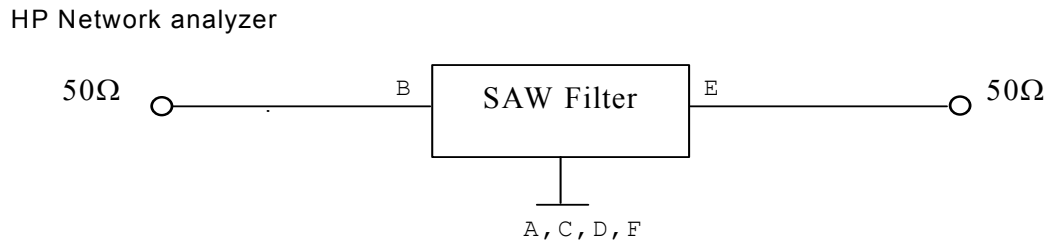
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

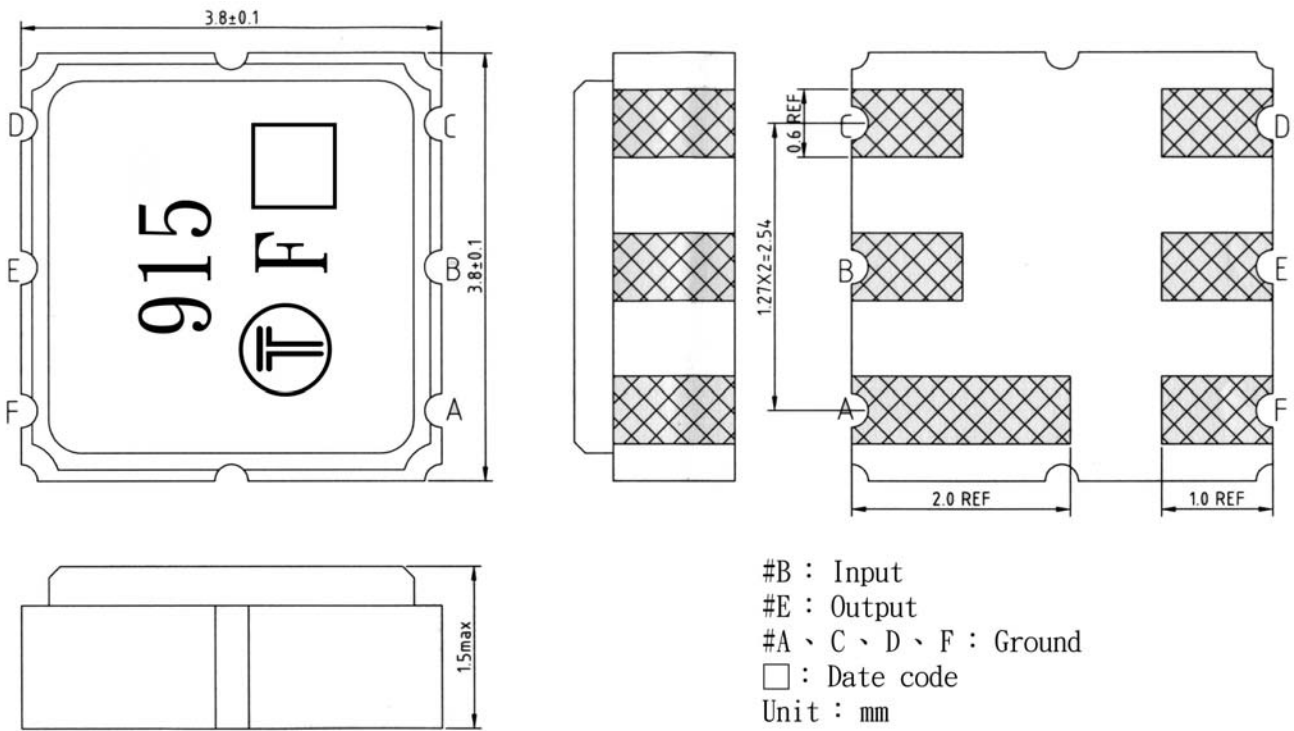
Electrical Specification	Min.	Typ.	Max.
Center frequency F_c (MHz)	-	915,0	-
Insertion loss within 902 ~ 928 MHz IL (dB)	-	2,9	3,5
Amplitude ripple (p-p) within 902 ~ 928 MHz (dB)	-	1,4	2,0
Attenuation (Reference level from 0 dB)			
D.C. ~ 800 MHz (dB)	25,0	33,0	-
800 ~ 880 MHz (dB)	20,0	37,0	-
960 ~ 1280 MHz (dB)	35,0	38,0	-
1280 ~ 2000 MHz (dB)	20,0	35,0	-
Temperature coefficient of frequency TC_f (ppm/K)	-	-30	-
Source impedance Z_s (Ω)	-	50	-
Load impedance Z_L (Ω)	-	50	-

Note1. The standard definitions is in JIS C 6703

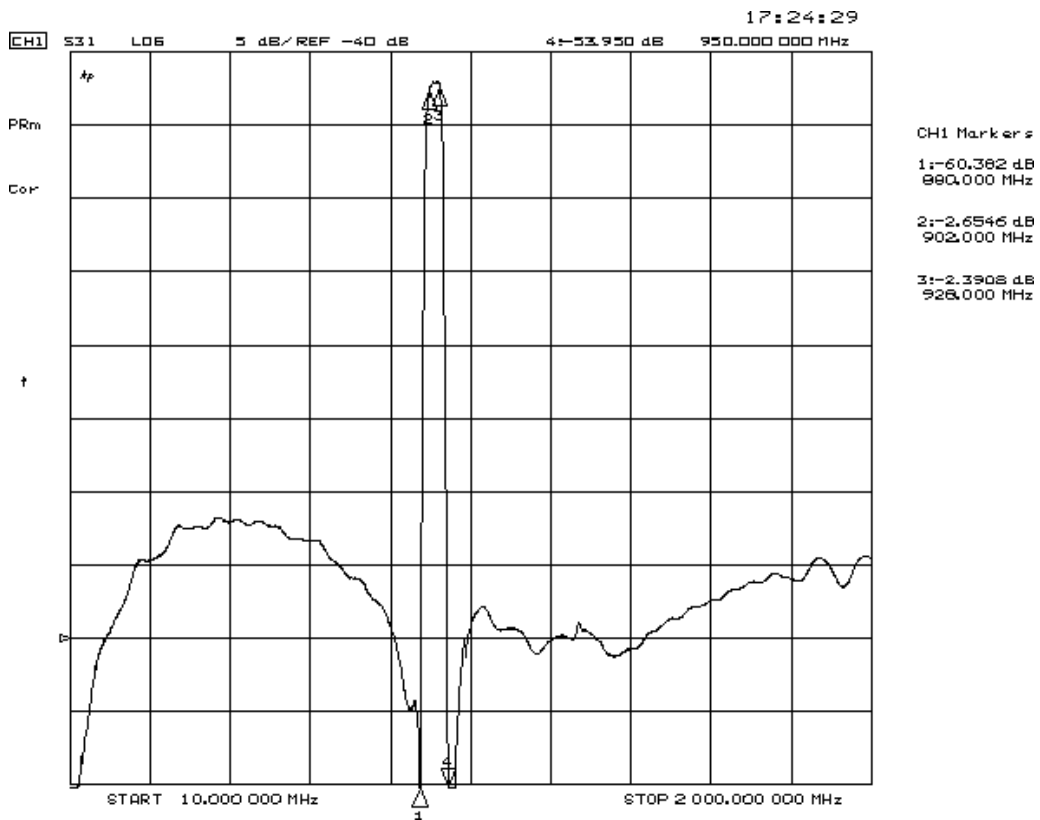
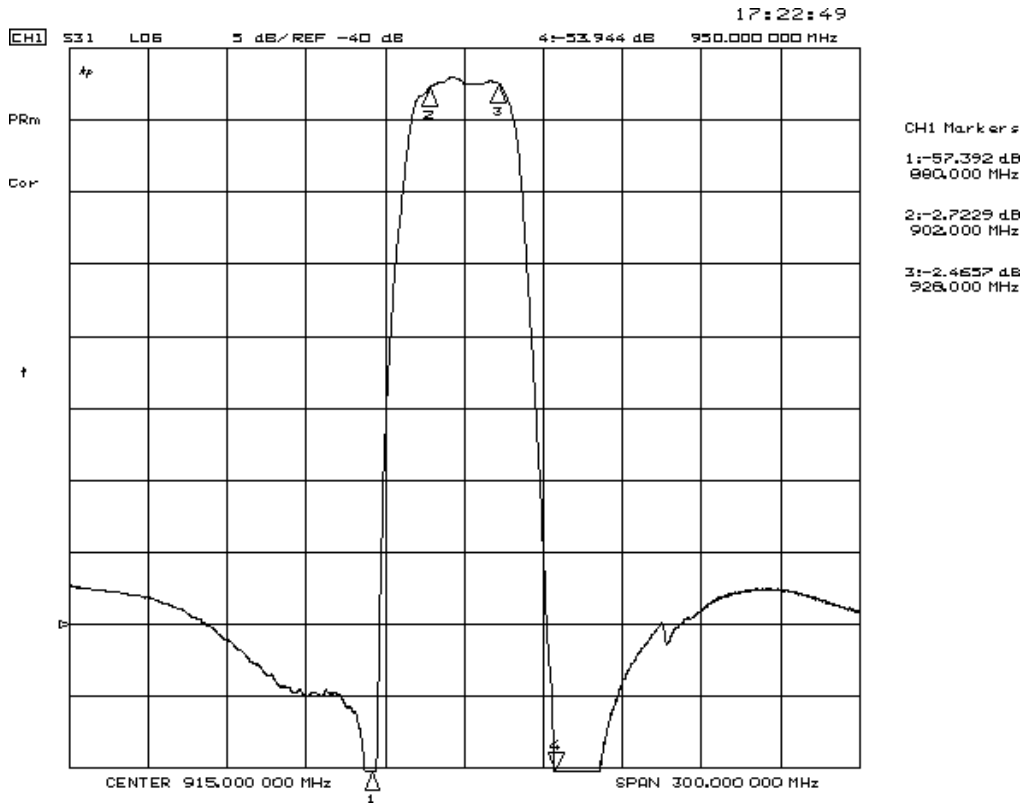
C. MEASUREMENT CIRCUIT:



D. OUTLINE DRAWING:

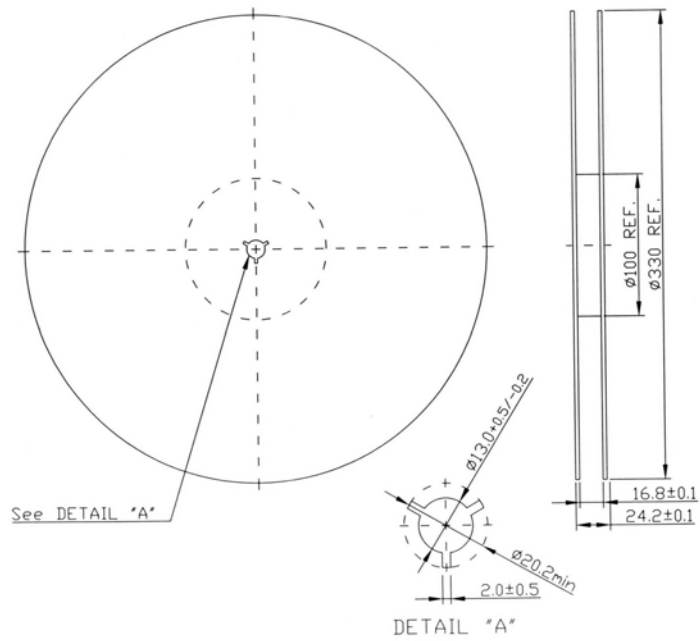


E. Frequency Characteristics : Transfer function



F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

