TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.
TEL: 886-3-4690038 FAX: 886-3-4697532
E-mail: tstsales@mail.taisaw.com Web: www.taisaw.com

Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 448MHz SMD 3.0×3.0mm

TST Parts No.: TA0709A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by: Asin Lin

Approval by: Francis Chen

Date: 2007/07/04

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SAW Filter 448 MHz

MODEL NO.: TA0709A REV. NO.:1

RoHS Compliant
Lead free
Lead-free soldering

A. MAXIMUM RATING:

1.Input Power Level: 10 dB_m

2.DC voltage: 3 V

3.Operating Temperature: -10°C to 60°C

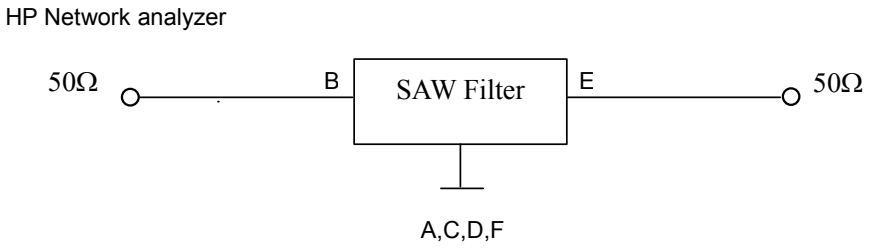
4.Storage Temperature: -30°C to +85°C

B. CHARACTERISTICS:

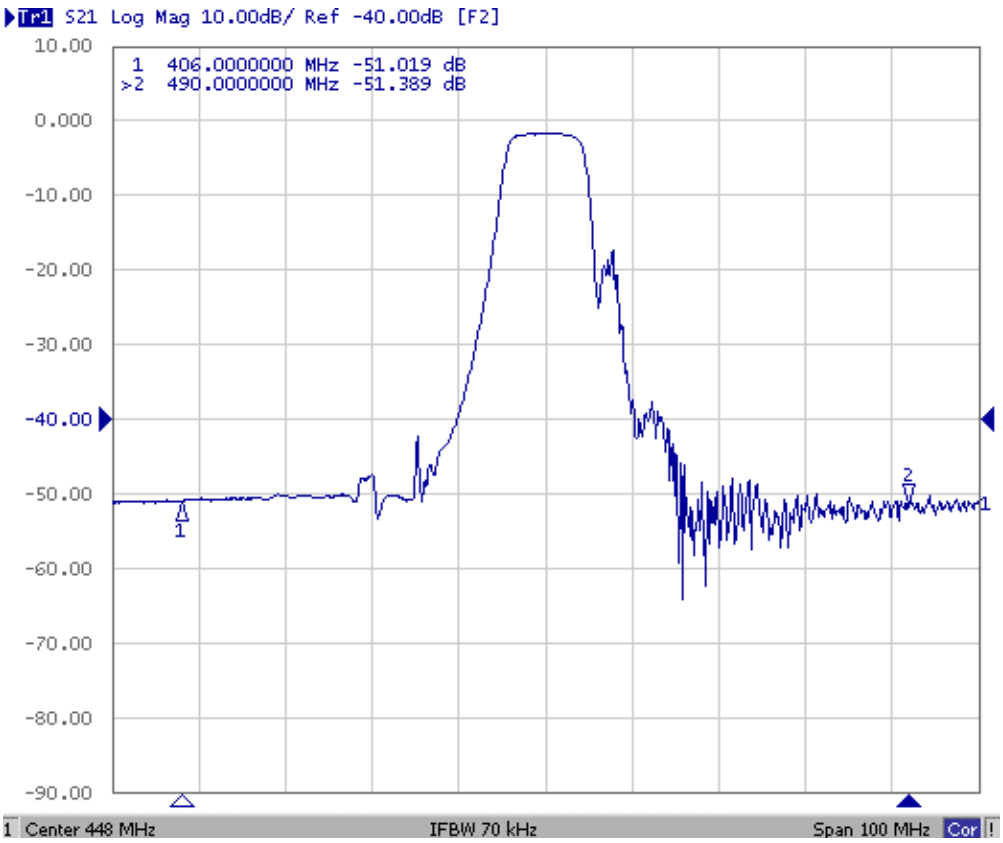
Item			Unit	Min.	Typical	Max.
Center frequency		Fc	MH	-	448	-
Insertion loss	Fc±1.5	MHz IL	dB	-	2.0	4.0
Amplitude ripple	Fc±1.5	MHz	dB	-	0.5	2.0
Attenuation (Reference level from 0 dB)						
Fc-44.3 ~ Fc-41.3 MHz			dB	45	51	-
Fc+41.3 ~ Fc+44.3 MHz			dB	45	49	-
Source impedance		Zs	Ω	-	50	-
Load impedance		Z_L	Ω	-	50	-

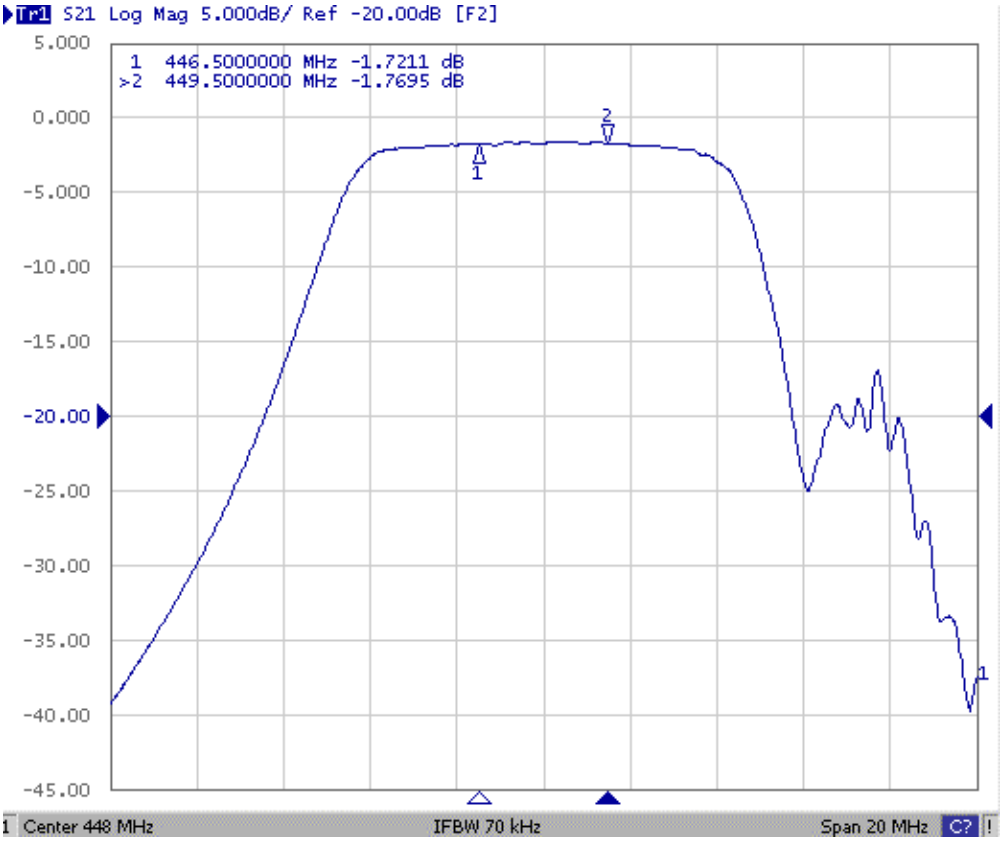
Note1. No matching network required for operation at 50Ω

C. MEASUREMENT CIRCUIT:

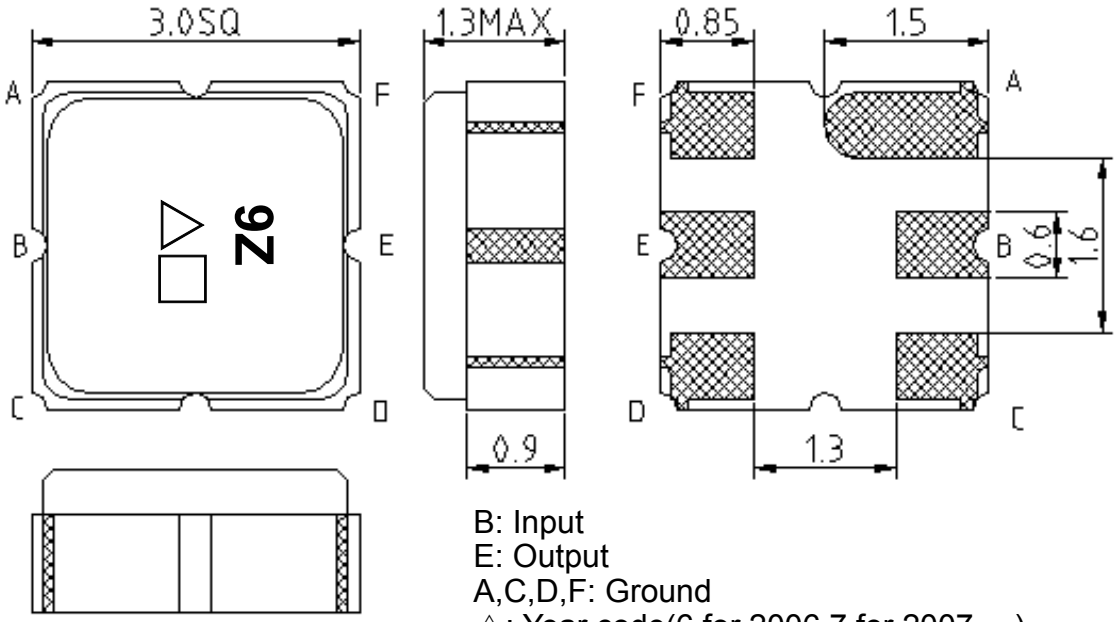


D. TRANSFER FUNCTION :



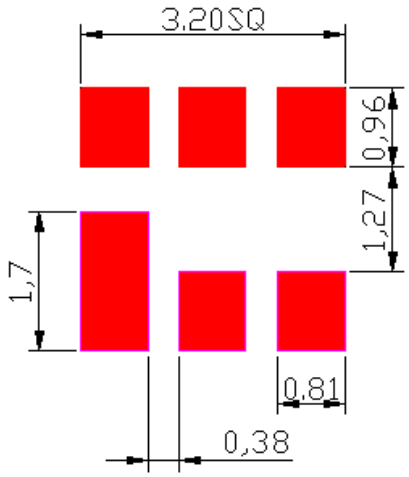


E.OUTLINE DRAWING:



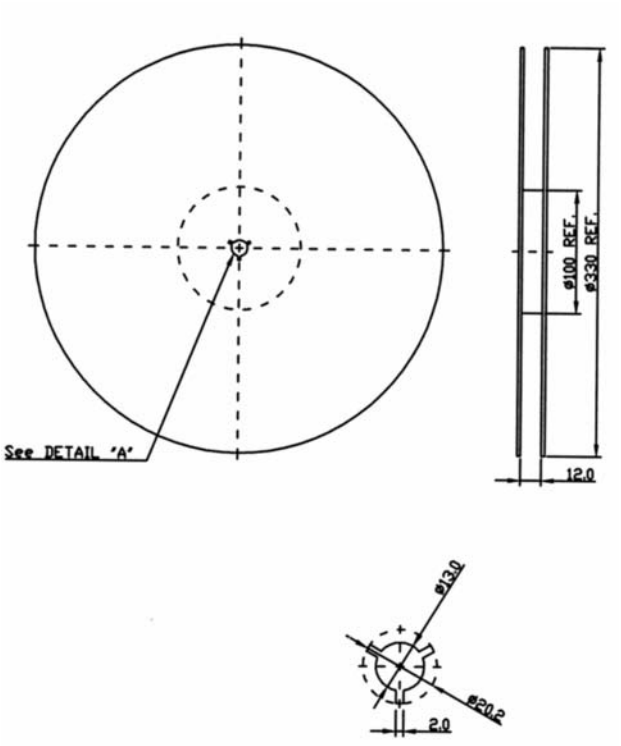
B: Input
E: Output
A,C,D,F: Ground
△: Year code(6 for 2006,7 for 2007,…)
□: Date code code (Provided by planer each year)
Unit: mm

F. PCB FOOTPRINT:

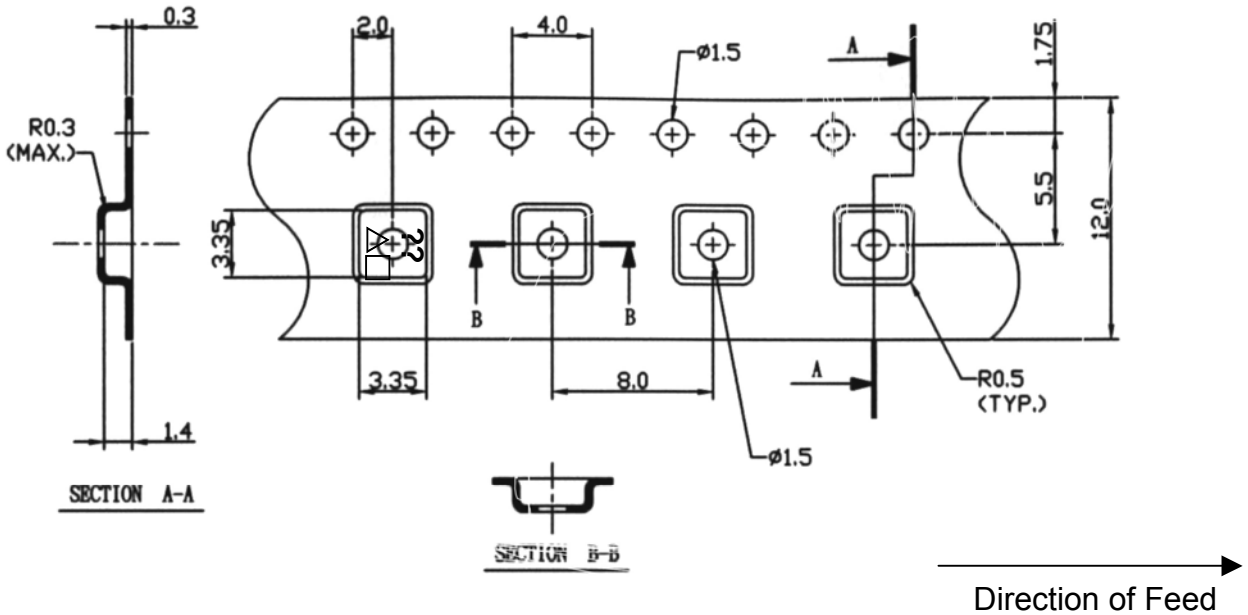


G. PACKING:

1. REEL DIMENSION



2.TAPE DIMENSION



H.RECOMMENDED REFLOW PROFILE:

