



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: 6/5/2006(Rev No:1.0)

Product Name: SAW Filter 1330MHz SMD 3.0×3.0mm

TST Parts No.:TA0566A

Customer Parts No.:_____

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

Checked by: _____ Asin Lin

Approval by: _____ Francis Chen

Date: _____ 2006/06/05



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

SAW Filter 1330 MHz

MODEL NO.: TA0566A

V1.0

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 5 V
3. Operating Temperature: -25°C to 85°C
4. Storage Temperature: -40°C to +85° C

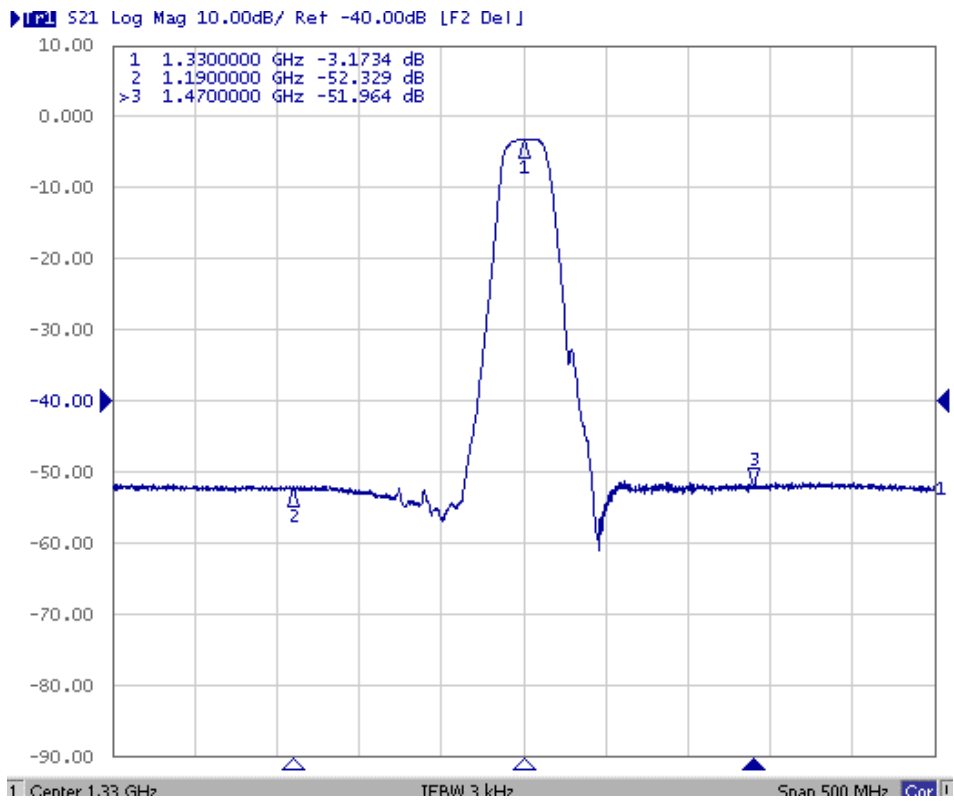
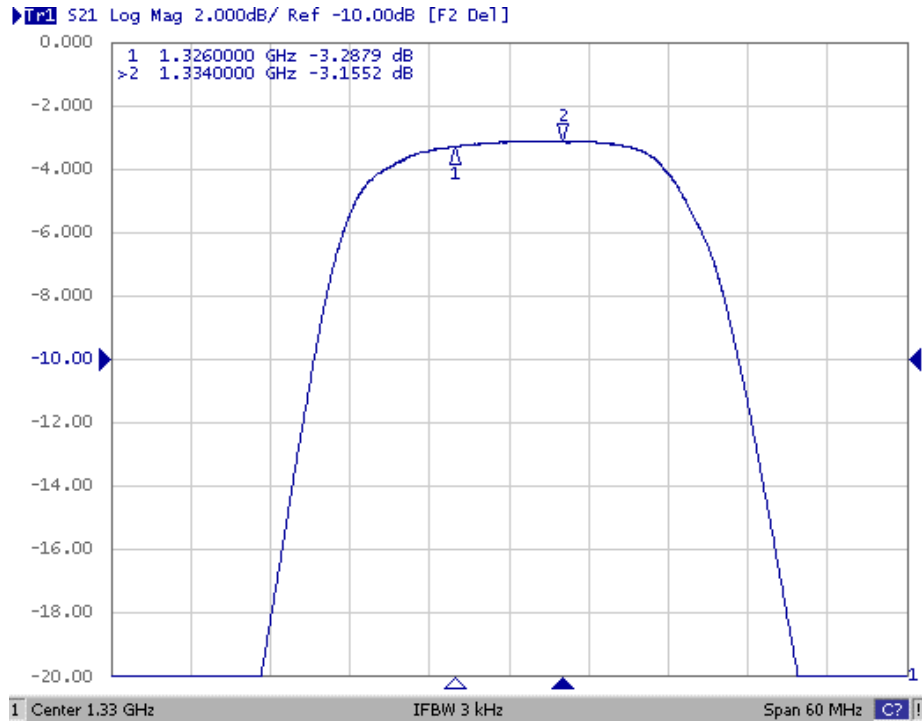
RoHS Compliant
Lead free
Lead-free soldering

B. CHARACTERISTICS:

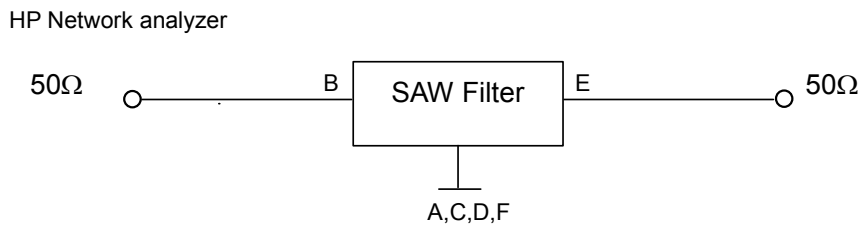
Item		Specification			
		Unit	Min.	Typ.	Max.
Center Frequency	Fc	MHz	-	1330	-
Insertion Loss	1326~1334 MHz	dB	-	3.5	4.6
Absolute Group delay	1330 MHz	ns		35	60
Group delay variation	Fc±4 MHz	ns		12	43
Phase variation	Fc±4 MHz	Deg		55	85
Amplitude ripple (p-p)	Fc±4 MHz	dB		1.0	2.0
Rejection (referent to IL)					
Fc-30	MHz	dB	8	25	-
Fc+30	MHz	dB	7	25	-
Fc-60	MHz	dB	30	40	-
Fc+60	MHz	dB	30	35	-
Fc-140	MHz	dB	30	39	-
Fc+140	MHz	dB	30	39	-
Fc-250	MHz	dB	35	39	-
Fc+250	MHz	dB	35	40	-

Note1. No matching network required for operation at 50Ω

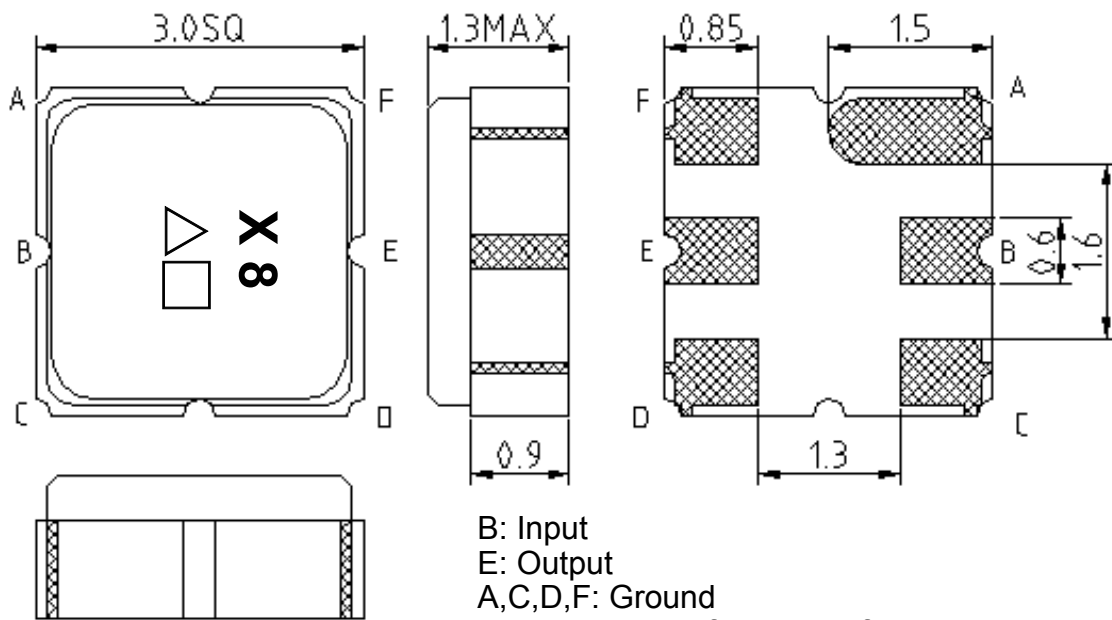
C. TRANSFER FUNCTION :



D. MEASUREMENT CIRCUIT:

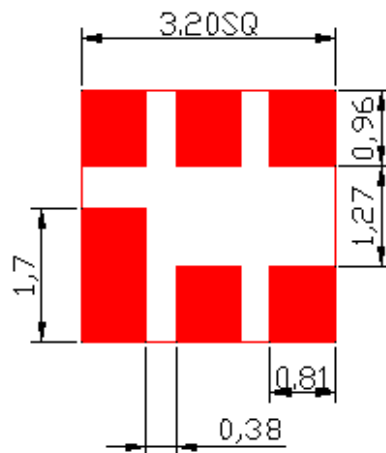


E. OUTLINE DRAWING:



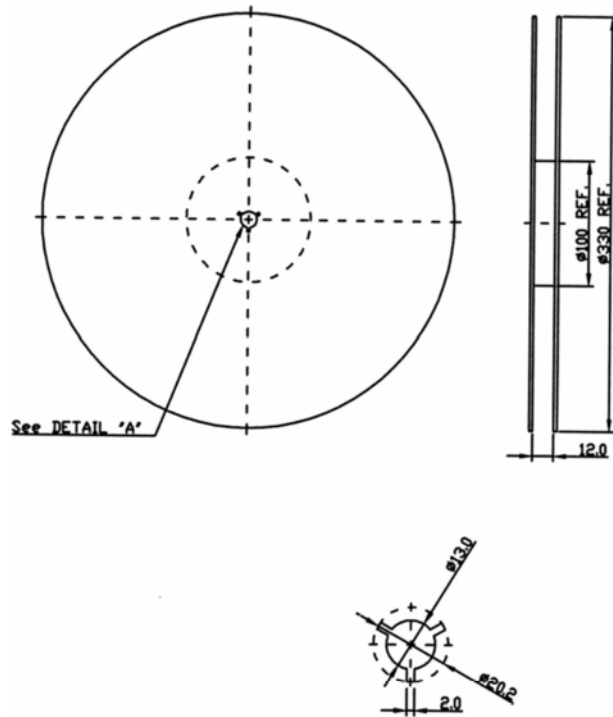
B: Input
 E: Output
 A,C,D,F: Ground
 △: Year code(6 for 2006,7 for 2007,...)
 □: Date code code (Provided by planer each year)
 Unit: mm

F.PCB FOOTPRINT:

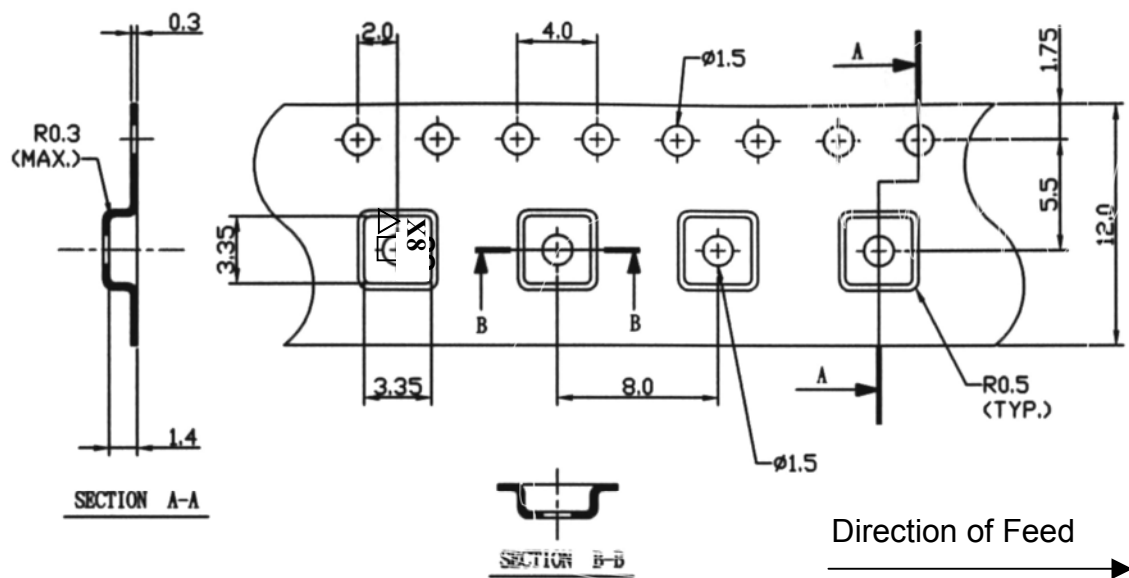


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H.RECOMMENDED REFLOW PROFILE:

