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

Product Specifications Approval Sheet

Product Description: SAW Filter 1330 MHz SMD 3.0X3.0 mm (BW=80MHz)

TST Part No.: TA1387A

Customer Part No.:_____

Customer signature required

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____ Kevin Hsu _____

Approved by:_____ Francis Chen _____

Date:_____ 10/05/2011 _____

1. Customer signed back is required before TST can proceed with sample build and receive orders.
2. Orders received without customer signed back will be regarded as agreement on the specifications.
3. Any specifications changes must be approved upon by both parties and a new revision of specifications shall be released to reflect the changes.

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SAW Filter 1330MHz

MODEL NO.:TA1387A REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -50°C to +85°C
4. Storage Temperature: -50°C to +85°C

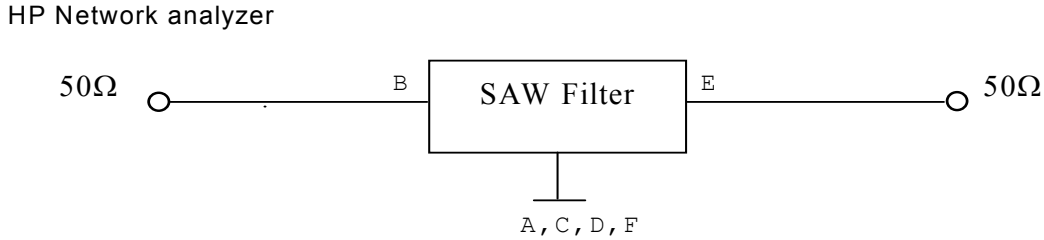
RoHS Compliant
Lead free
Lead-free soldering

Electrostatic **S**ensitive **D**evice (**ESD**)

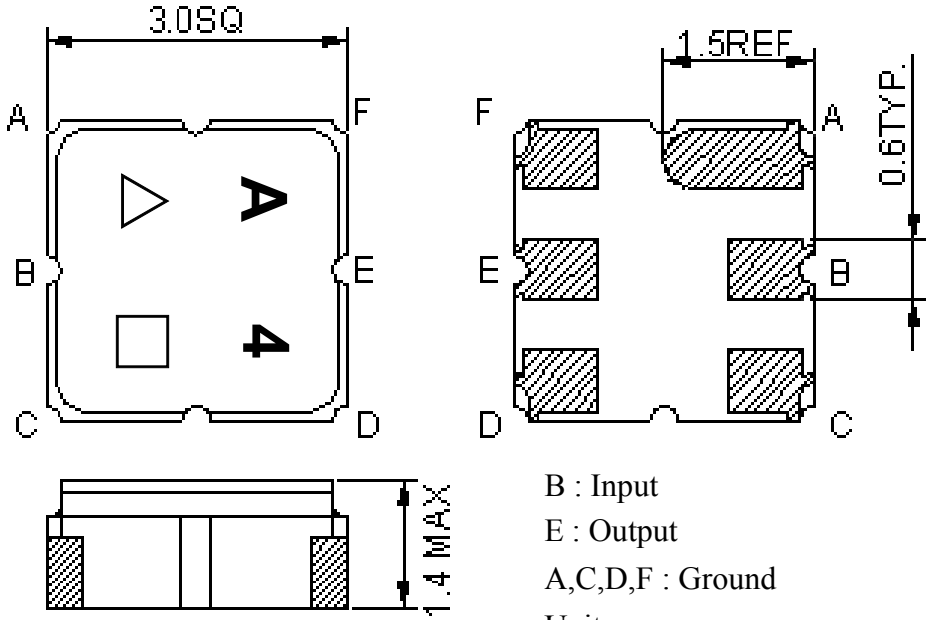
B. ELECTRICAL CHARACTERISTICS:

Item		Unit	Min.	Typ.	Max.
Center frequency, Fc		MHz	-	1330	-
Insertion loss, IL (1290~1370 MHz)		dB	-	5.4	7
Amplitude ripple (1290~1370 MHz)		dB	-	1	2.3
VSWR (1290~1370 MHz)			-	1.7	2.5
Attenuation (reference from 0dB)					
10 ~ 1200 MHz		dB	40	44	-
1450 ~ 3000 MHz		dB	33	37	-
3000 ~ 4000 MHz		dB	22	26	-
4000 ~ 5000 MHz		dB	12	10	-
5000 ~ 6000 MHz		dB	6	5	-
Source impedance	Z_S	Ω	-	50	-
Load impedance	Z_L	Ω	-	50	-

C. MEASUREMENT CIRCUIT:



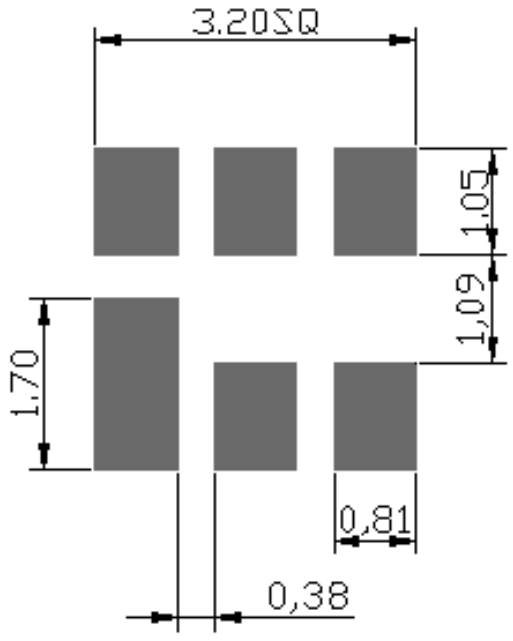
D.OUTLINE DRAWING:



B : Input
E : Output
A,C,D,F : Ground
Unit : mm

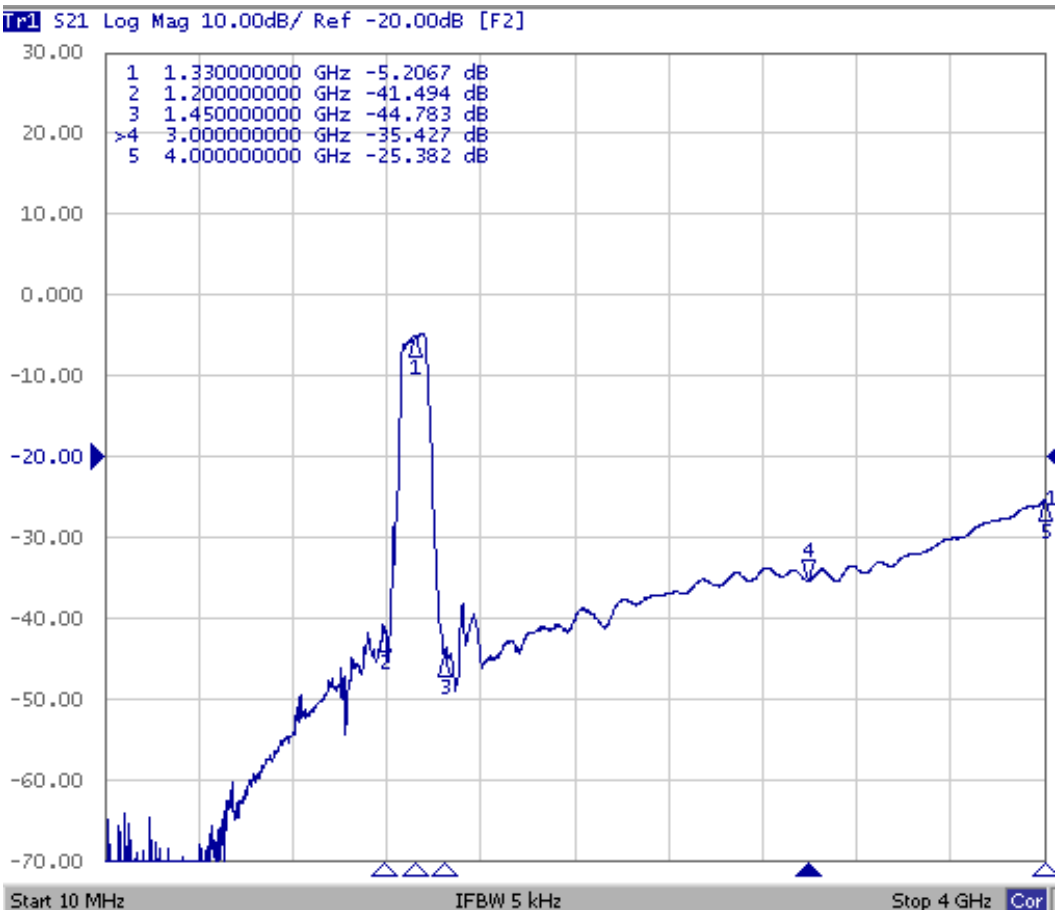
△ : Year Code (2011->1, 2012->2 …, 2019->9)
□ : Date Code (W01->A,W02->B,…W27->a,…,W52->z)

E. PCB Footprint:

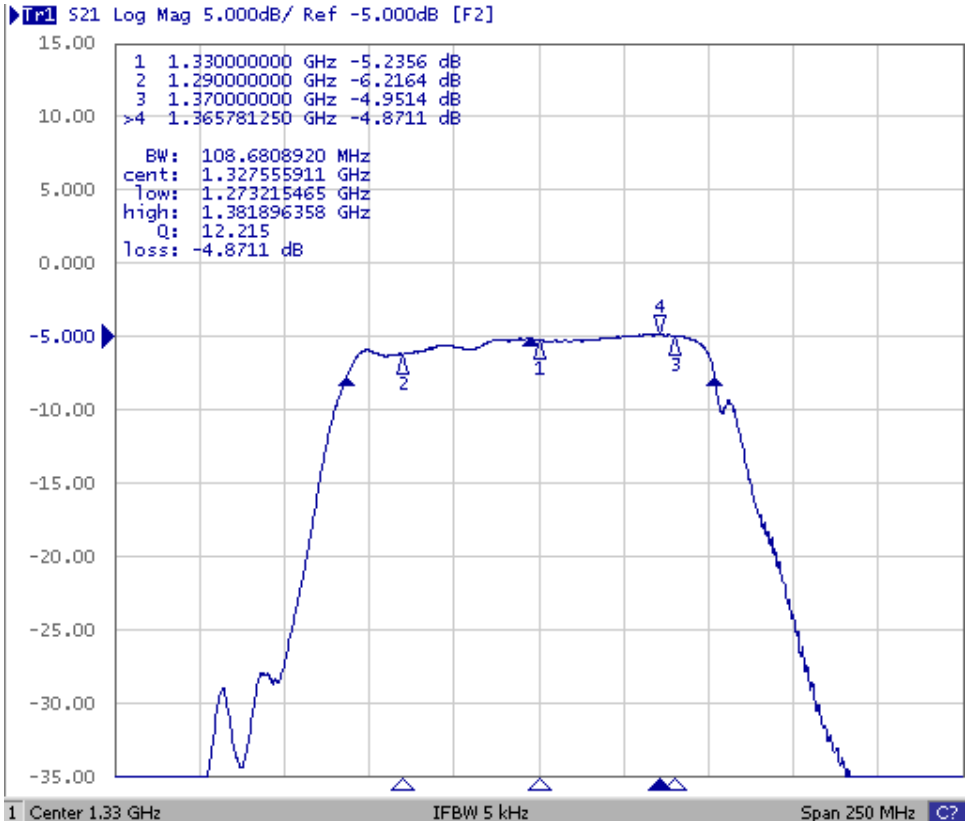


F. Frequency Characteristics :

(1) Wideband response: (10~4000MHz)

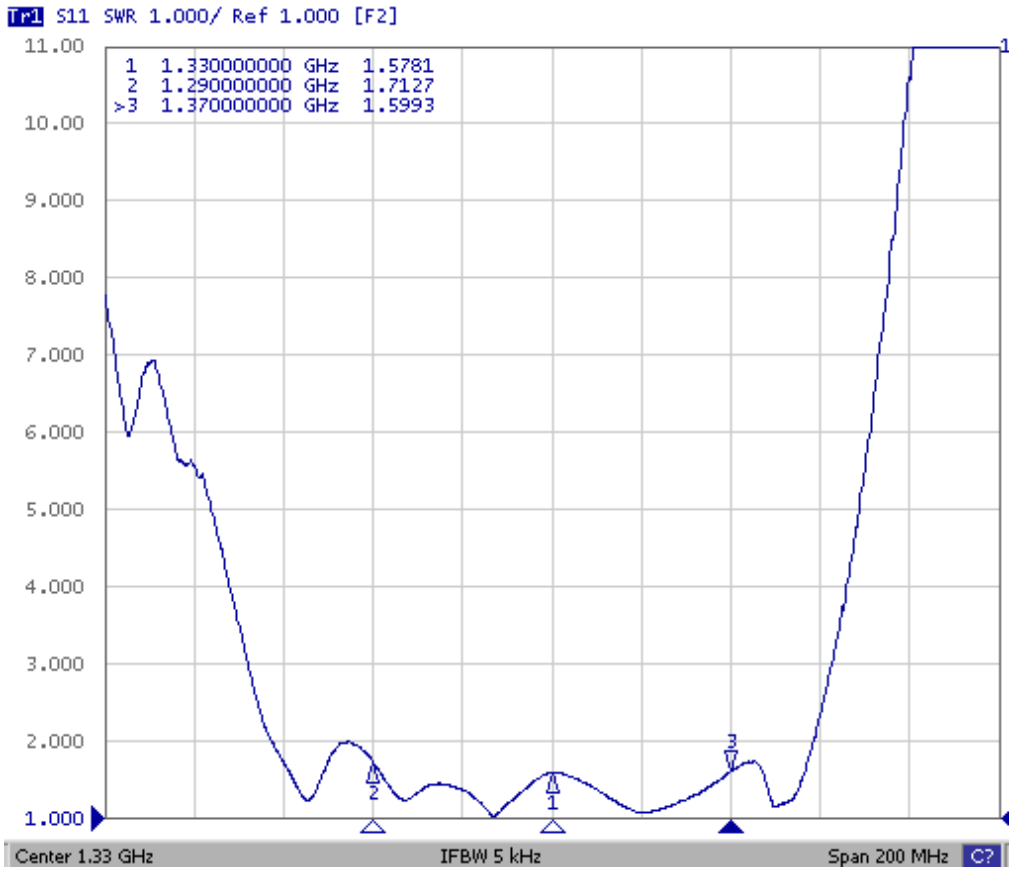


(2) Narrowband response:(span250MHz)

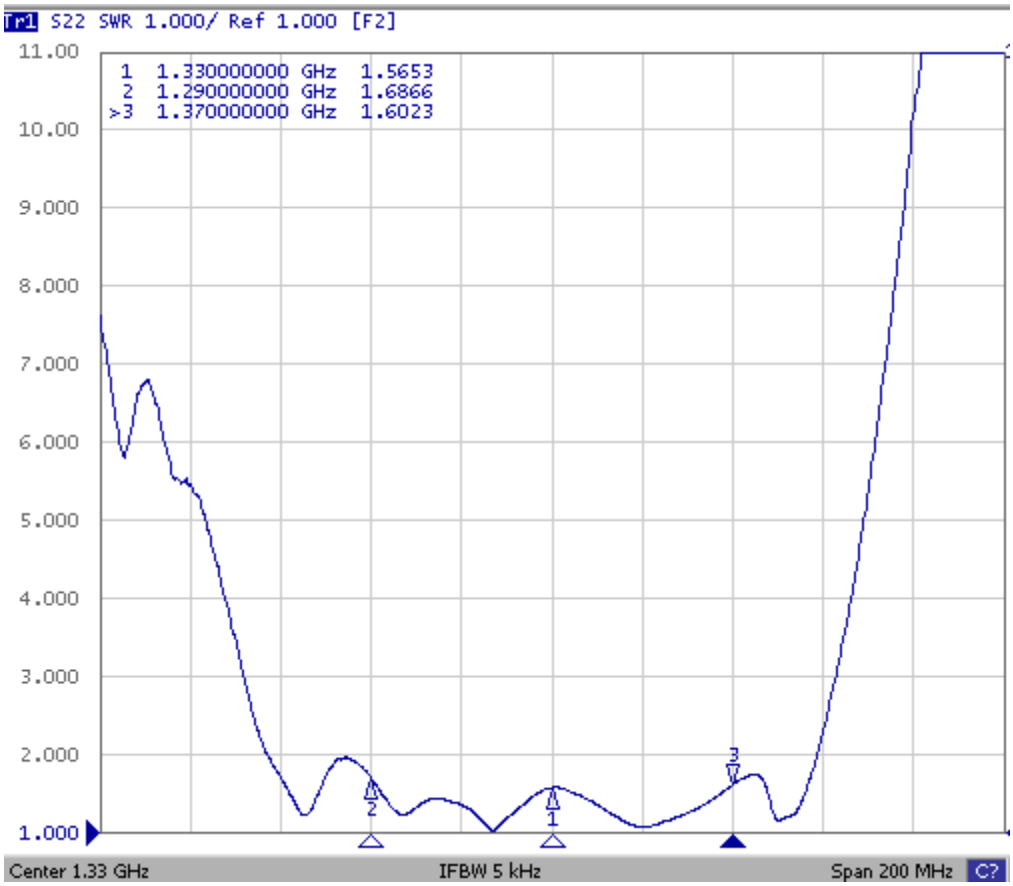


(3) VSWR(span200MHz)

|S11|



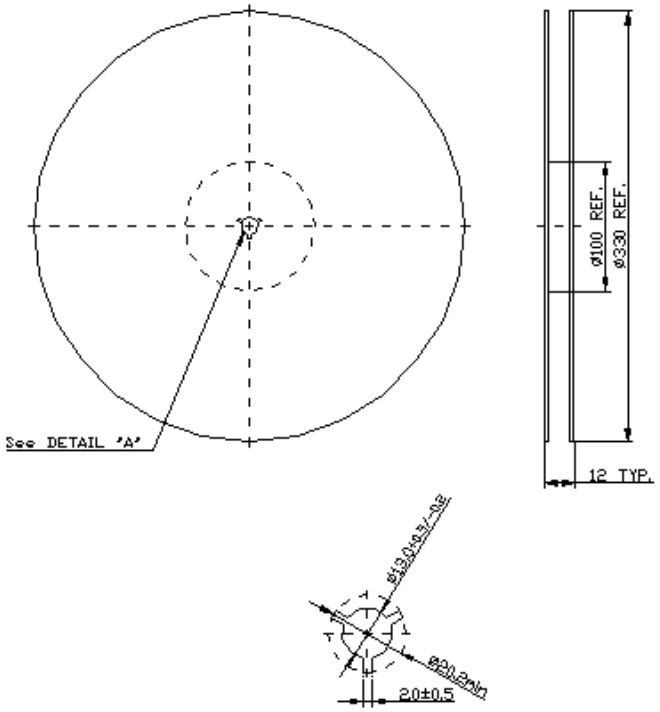
|S22|



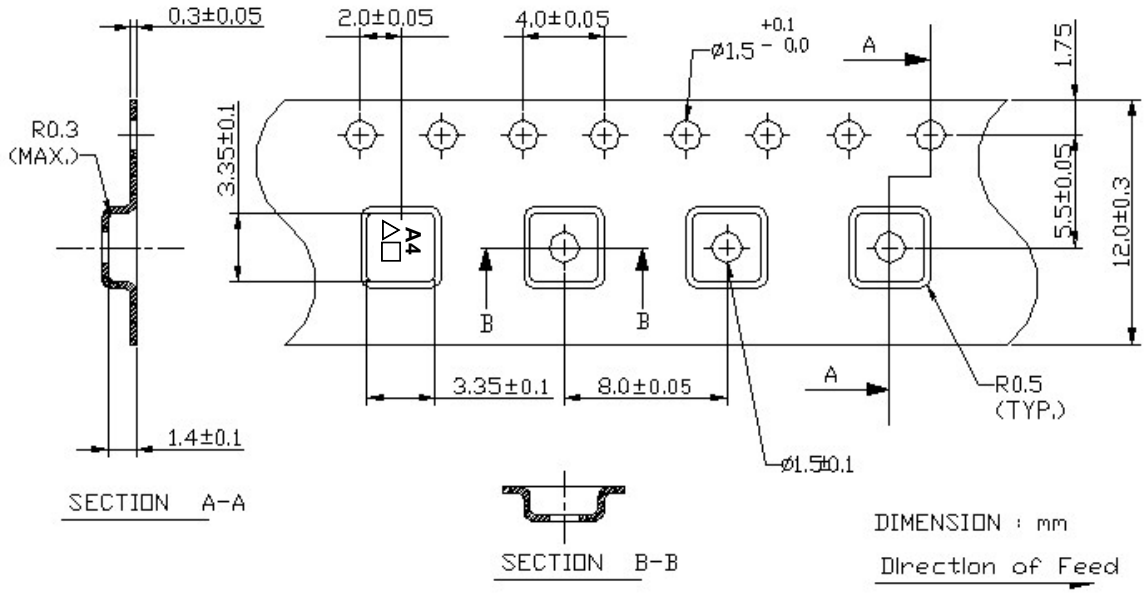
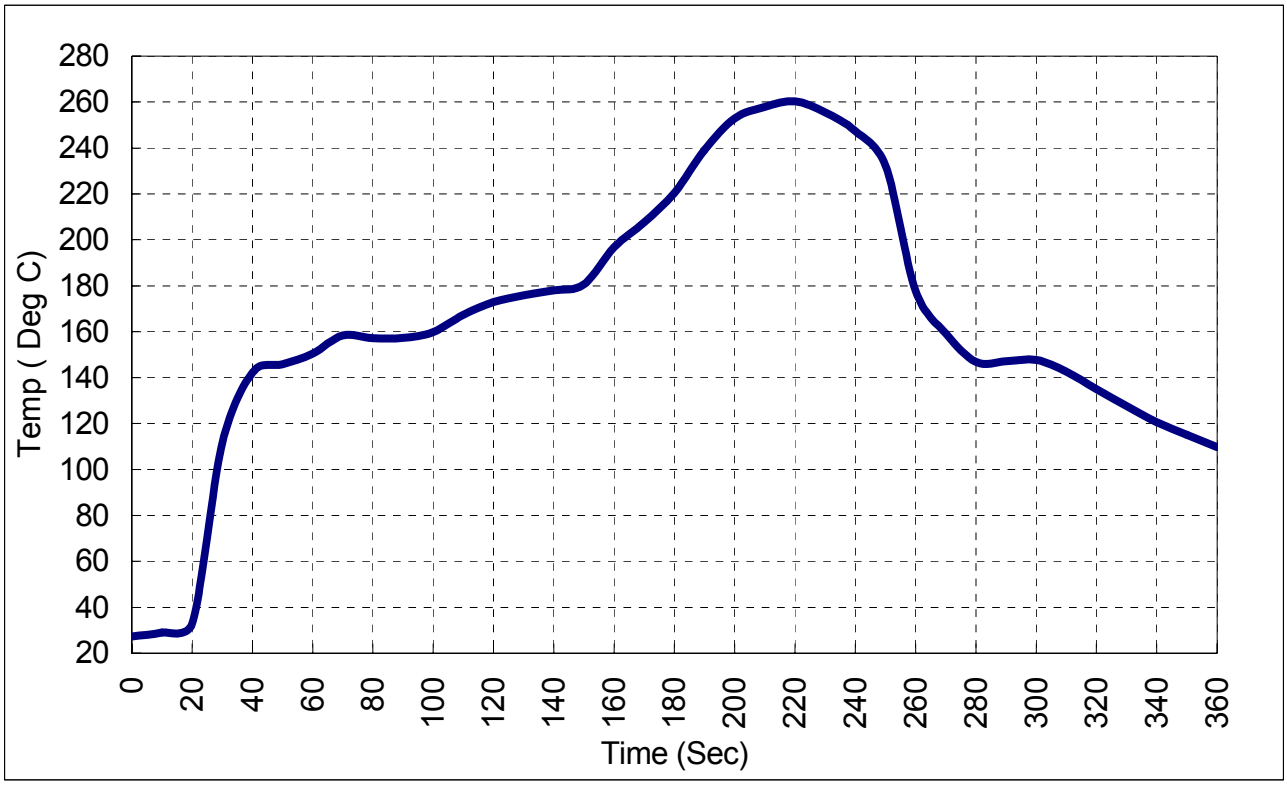
G. PACKING:

1. REEL DIMENSION

(Reel Count : 7”=1000 ; 13”=3000)



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :