



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.

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Product Specifications Approval Sheet

Product Description: SAW Filter 847 MHz SMD 3.0x3.0 mm (BW=30 MHz)

TST Part No.: TA1072A

Customer Part No.: _____

Customer signature required

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ David Chang 張閔智

Approved by: _____ Francis Chen 陳文輝

Date: _____ 2011/10/17

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 847 MHz

MODEL NO.:TA1072A

REV. NO.:3

A. MAXIMUM RATING:

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

RoHS Compliant
Lead free
Lead-free soldering

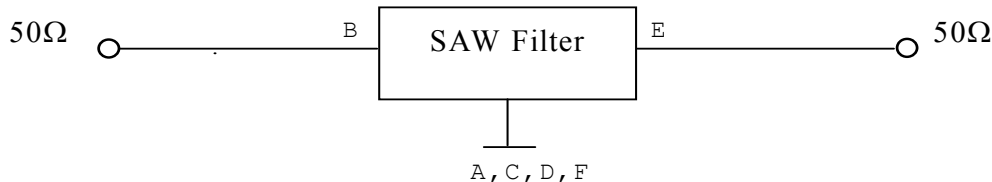
Electrostatic Sensitive Device (ESD)

B. ELECTRICAL CHARACTERISTICS:

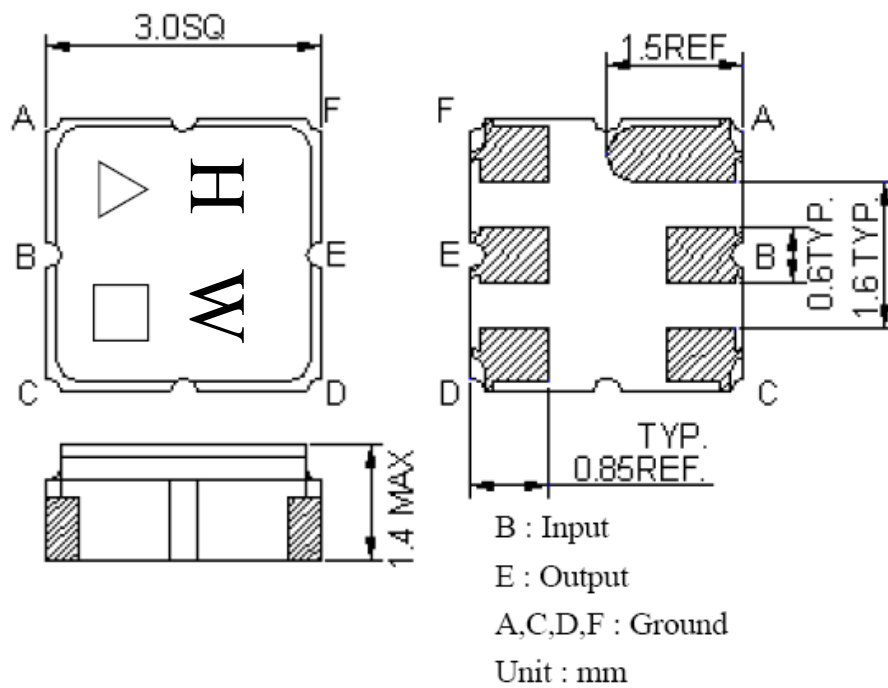
Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	847	-
Insertion Loss (832~862 MHz) IL	dB	-	2.5	4.5
Amplitude ripple (832~862 MHz)	dB	-	0.7	2.0
VSWR (832~862 MHz)	-	-	1.6	2.5
Attenuation (reference from 0dB)				
D.C ~ 800 MHz	dB	45	55	-
800 ~ 815 MHz	dB	30	50	-
815 ~ 821 MHz	dB	10	34	-
895 ~ 940 MHz	dB	30	42	-
940 ~ 1500 MHz	dB	45	57	-
1500 ~ 2000 MHz	dB	35	45	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



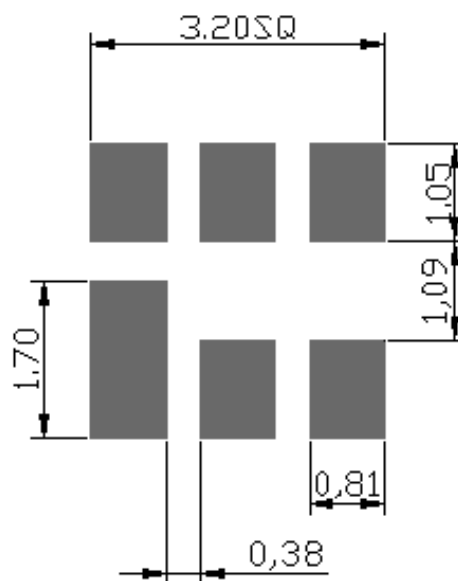
D.OUTLINE DRAWING:



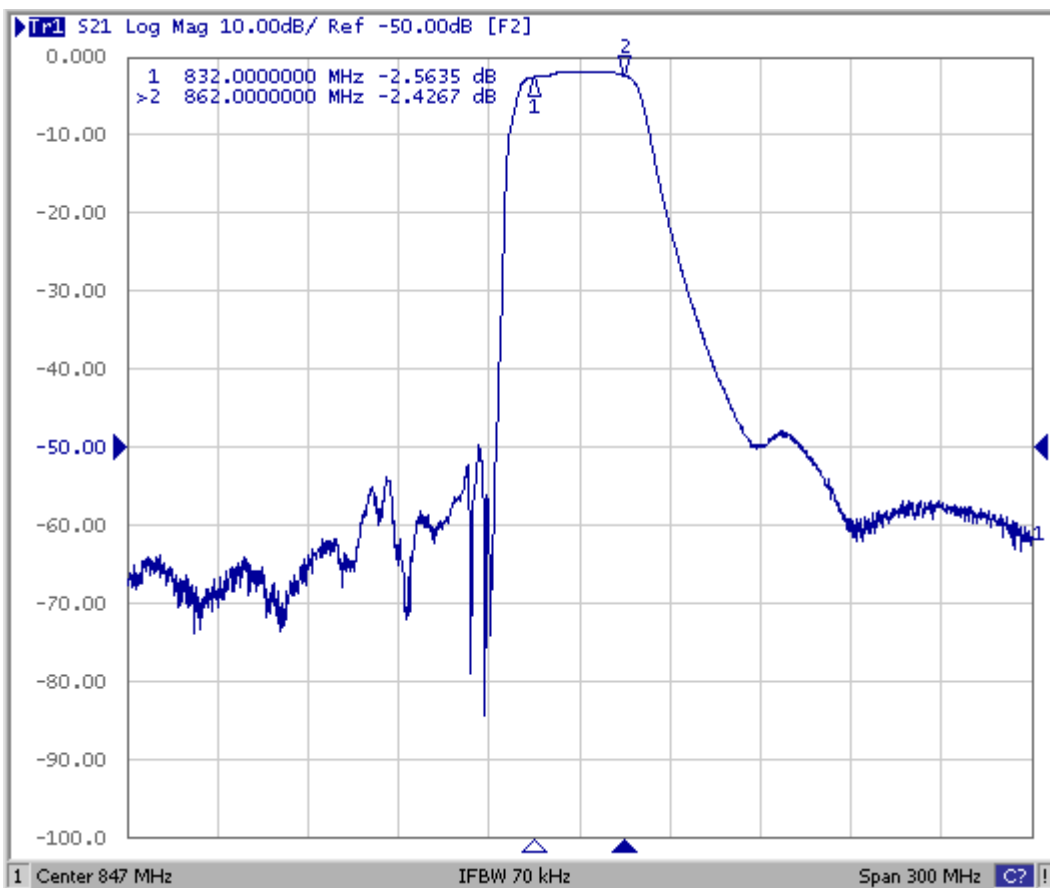
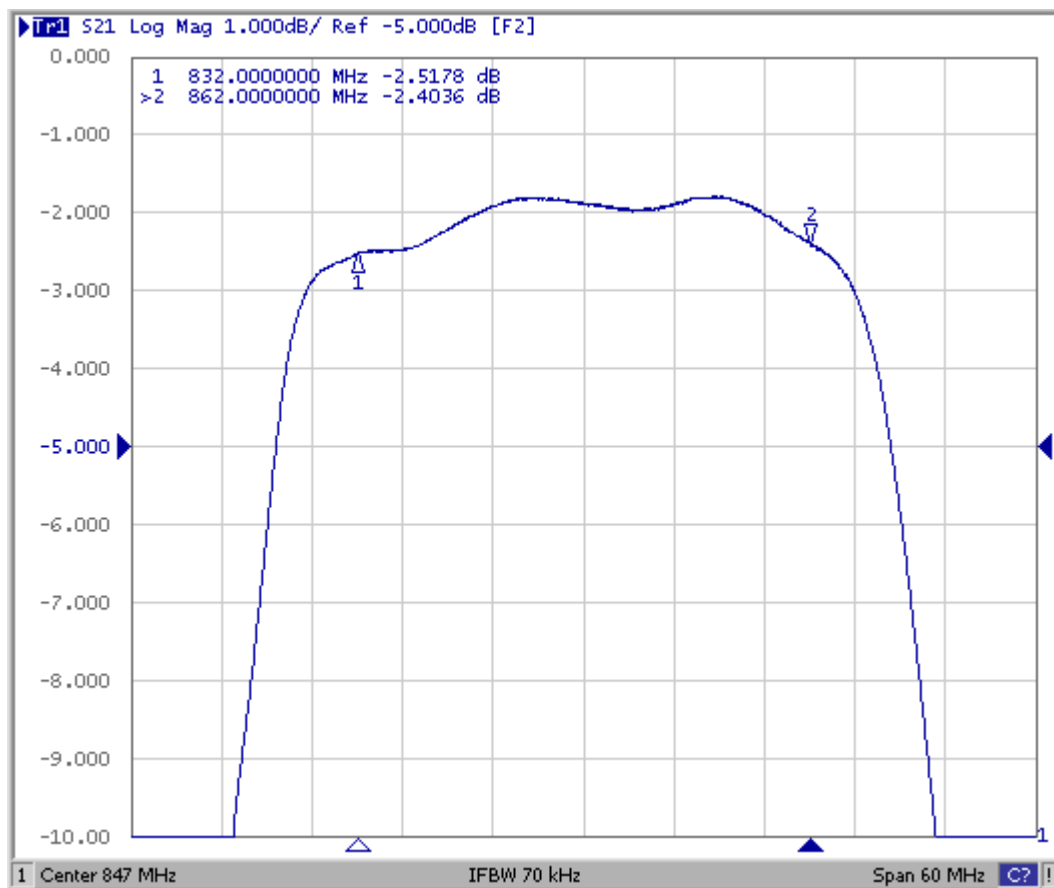
△ : Year Code (2011->1,..., 2020->0)

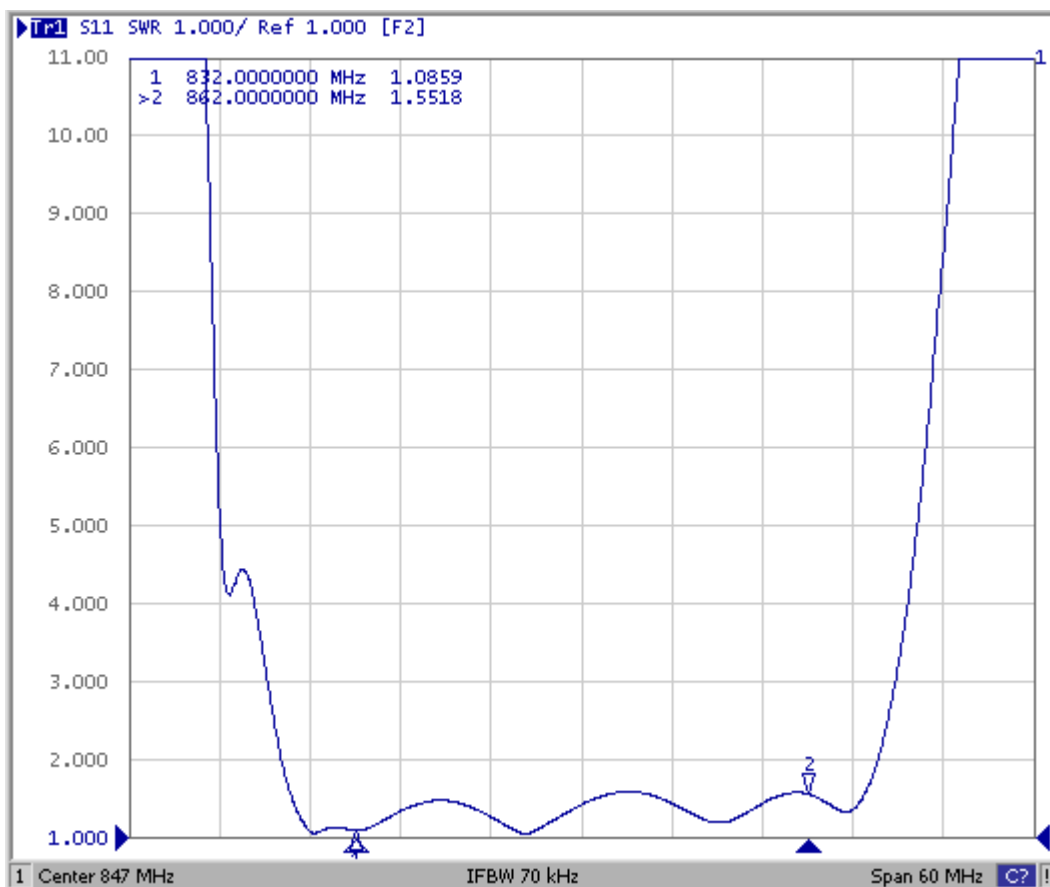
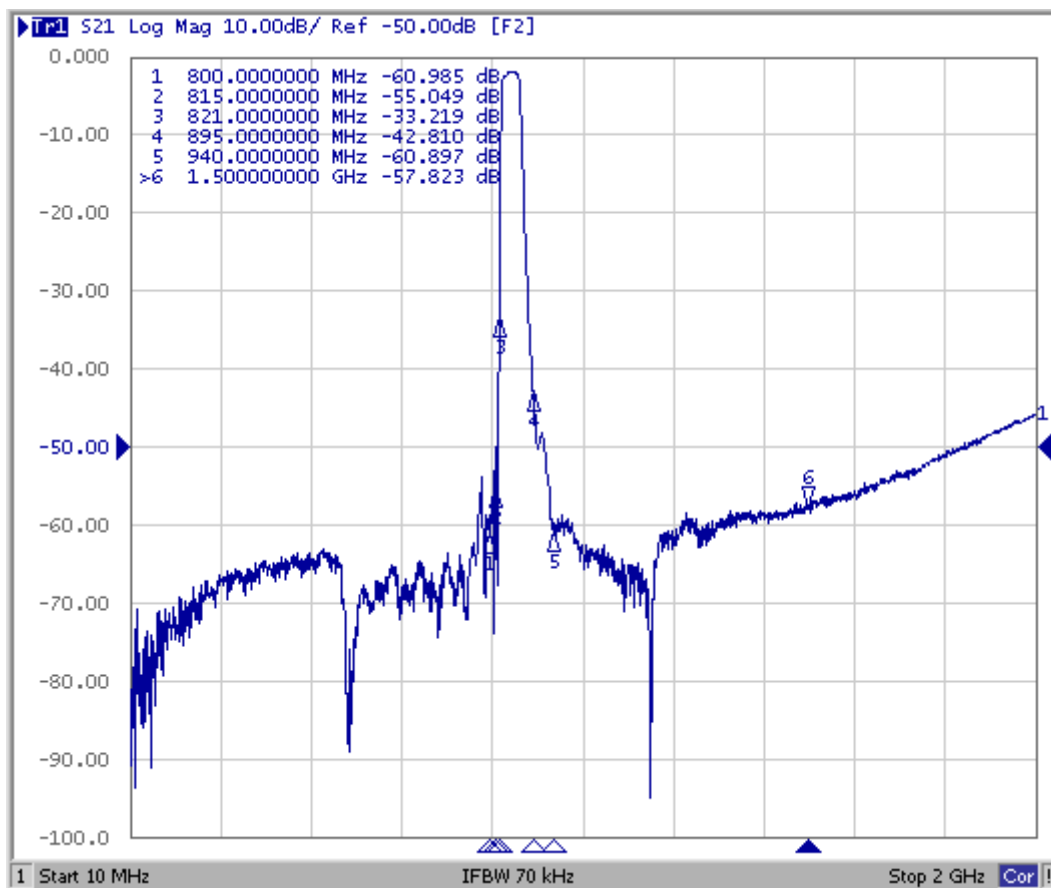
□ : Date Code (Follow the table from planner each year)

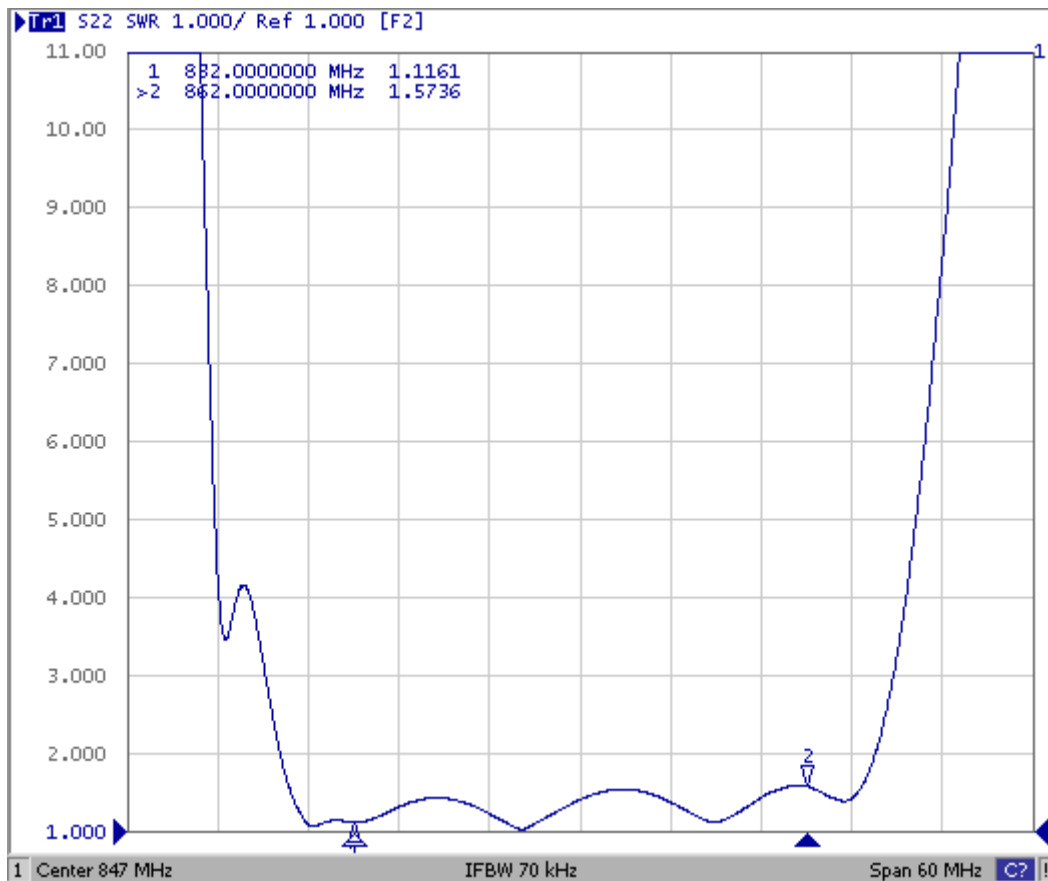
E. PCB Footprint:



F. Frequency Characteristics:

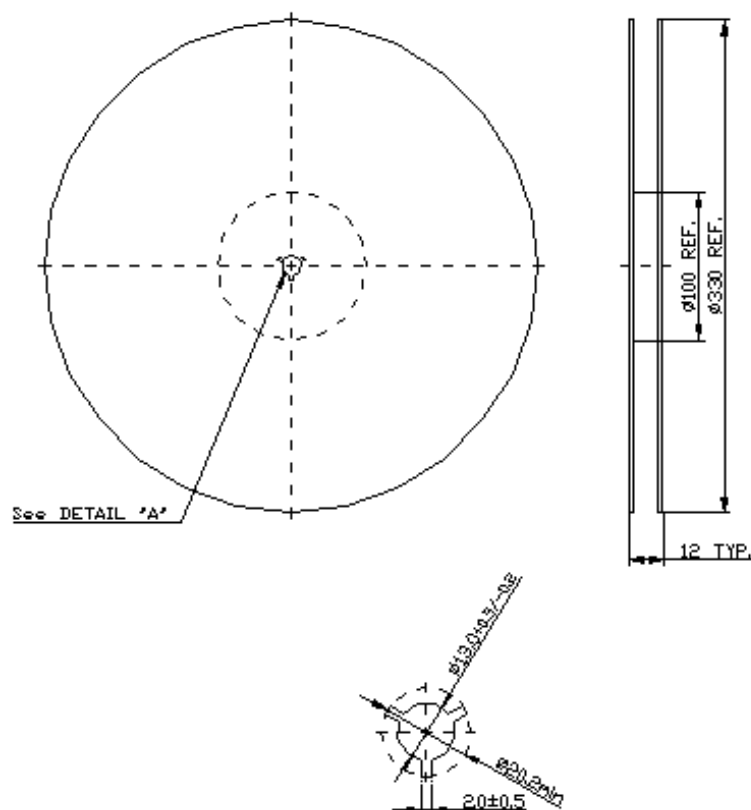




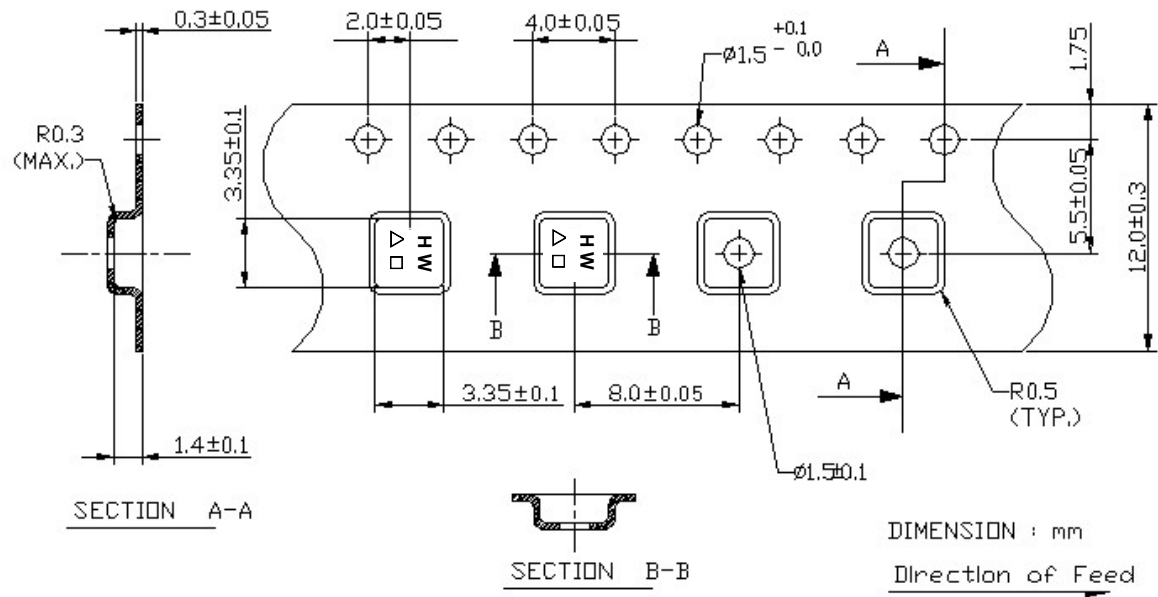


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

