



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: Apr, 29, 2008

Product Name: SAW Filter 1180 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0791A

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 4, 29, 2008



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SAW Filter 1180 MHz

MODEL NO.:TA0791A

REV. NO.:2

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 +95°C

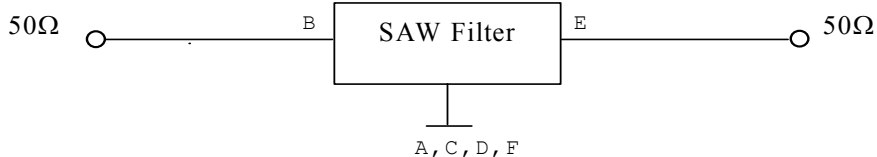
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

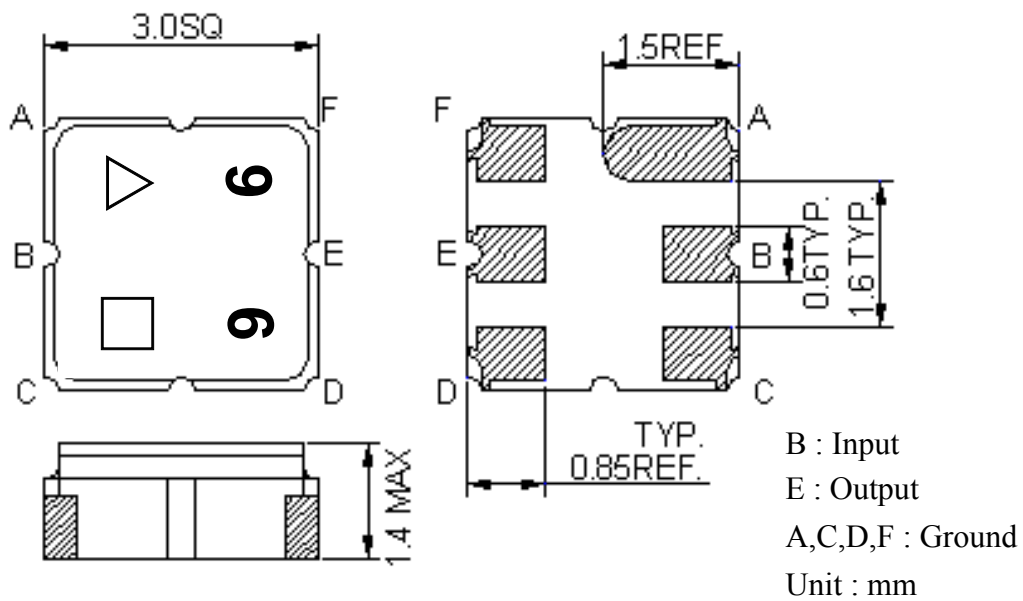
Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	1180	-	-
Insertion Loss (1160 ~ 1200 MHz) IL	dB	-	2.7	5	-
Amplitude Ripple (1160 ~ 1200 MHz)	dB	-	0.8	2.1	-
Group Delay Ripple (1160 ~ 1200 MHz)	ns	-	15	75	-
Attenuation (Reference level from 0 dB)					
Fc - 60 MHz	dB	45	60	-	-
Fc - 50 MHz	dB	40	55	-	-
Fc - 40 MHz	dB	35	43	-	-
Fc - 35 MHz	dB	8	37	-	-
Fc + 35 MHz	dB	-	17	-	-
Fc + 40 MHz	dB	5	24	-	-
Fc + 50 MHz	dB	15	34	-	-
Fc + 60 MHz	dB	30	40	-	-
Fc + 100 MHz	dB	-	50	-	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



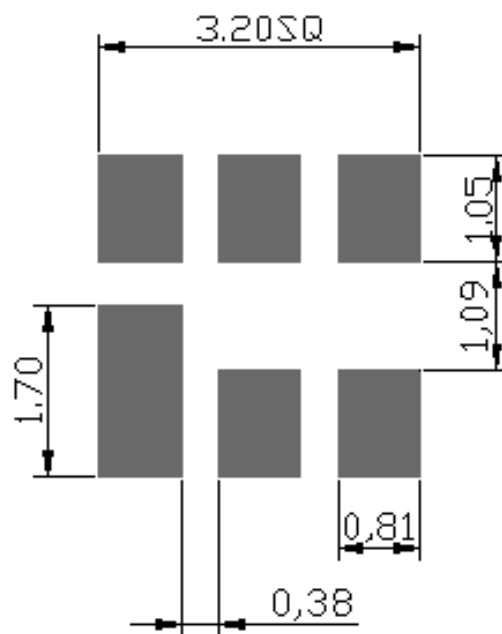
D.OUTLINE DRAWING:



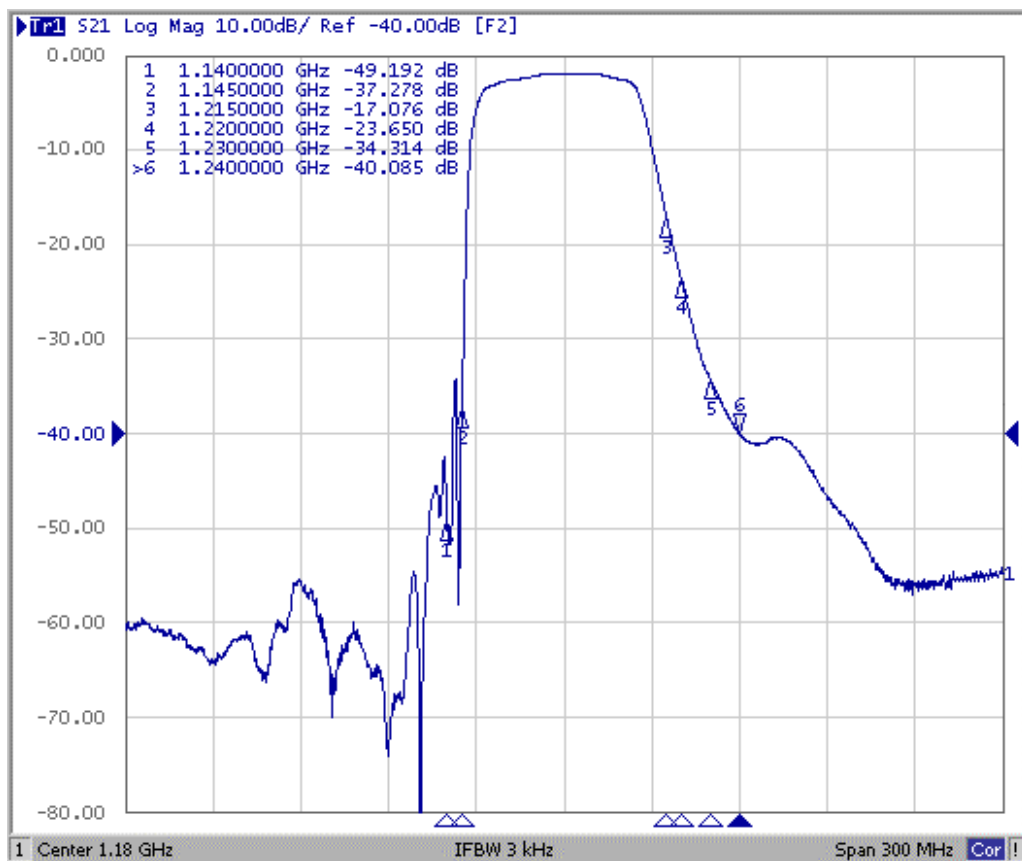
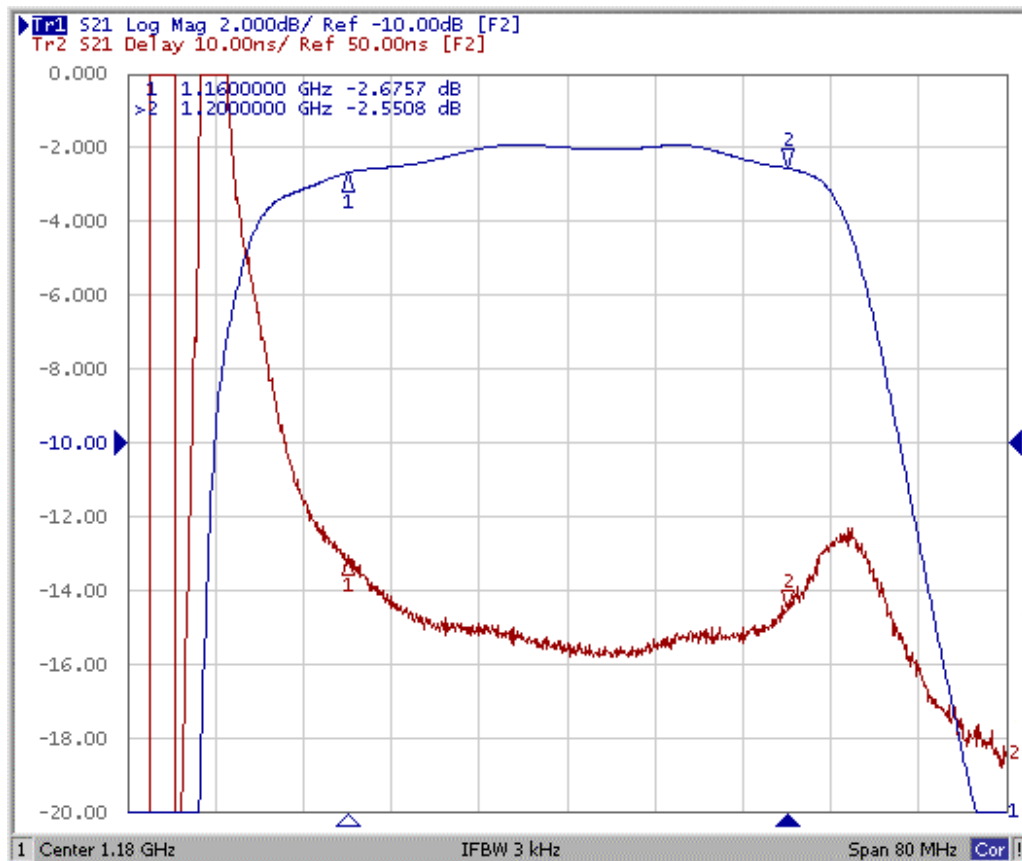
△ : Year Code (2006->6, ..., 2009->9)

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

E. PCB Footprint:

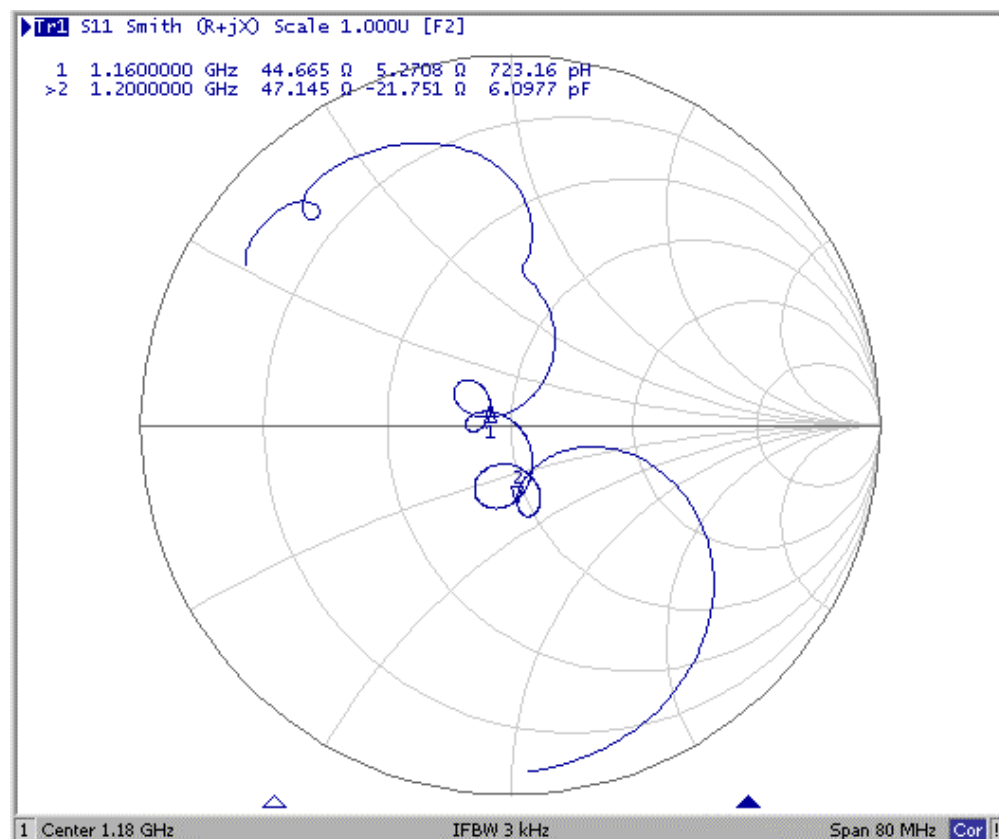
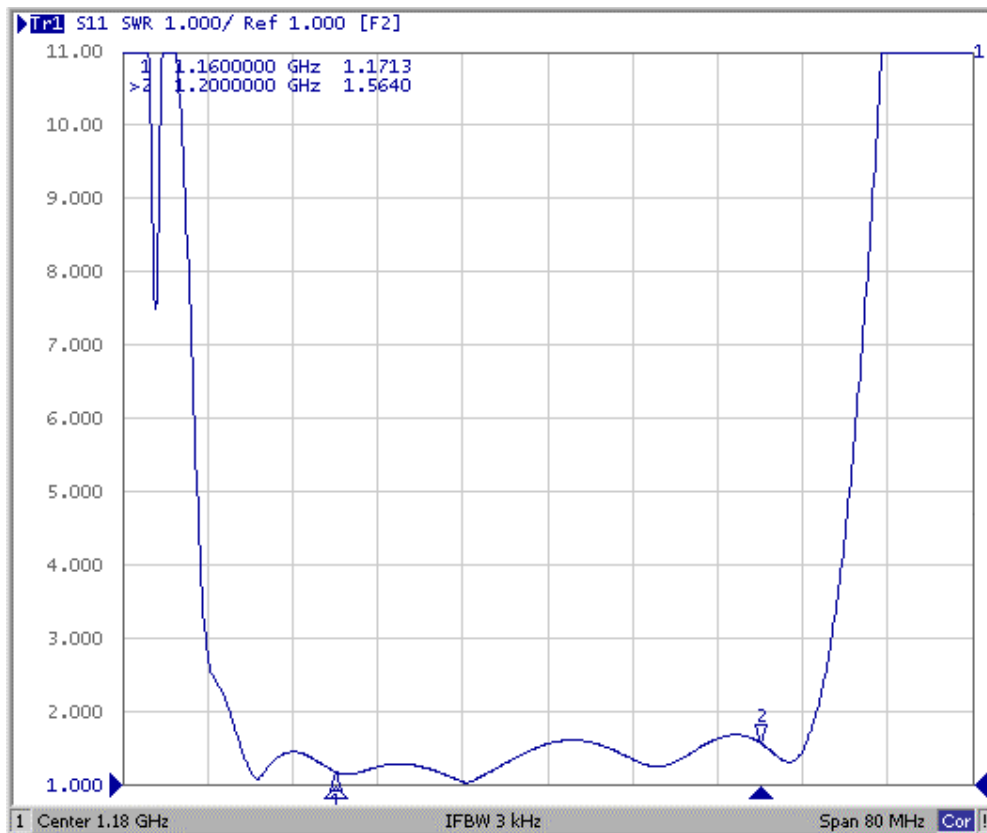


F. Frequency Characteristics :

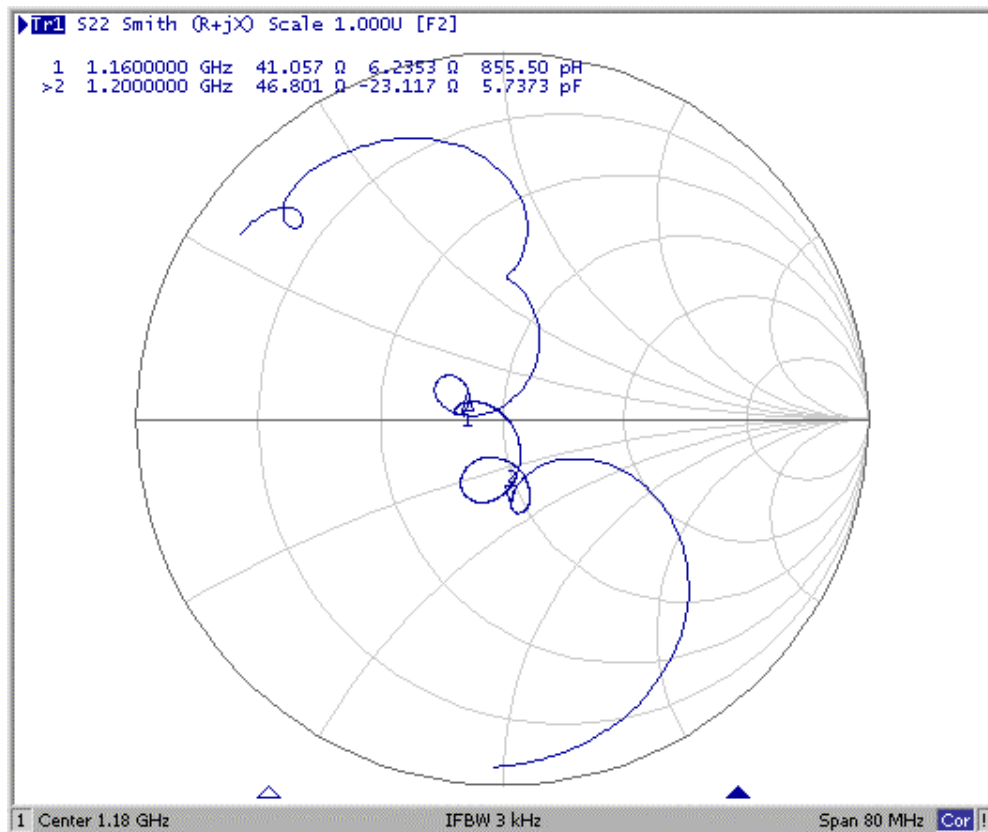
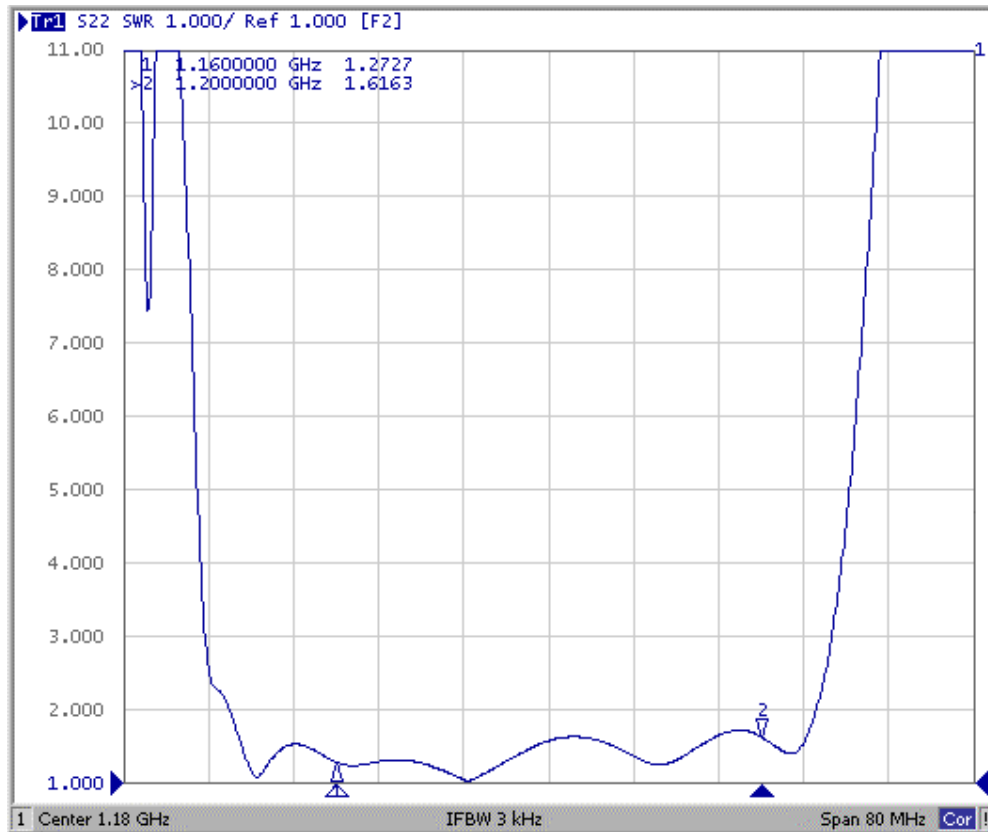


Reflection Functions :

S11



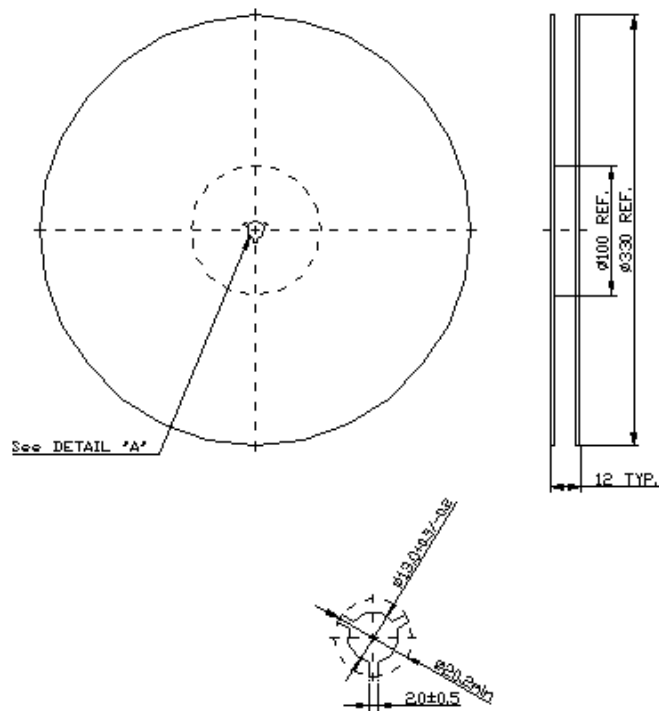
S22



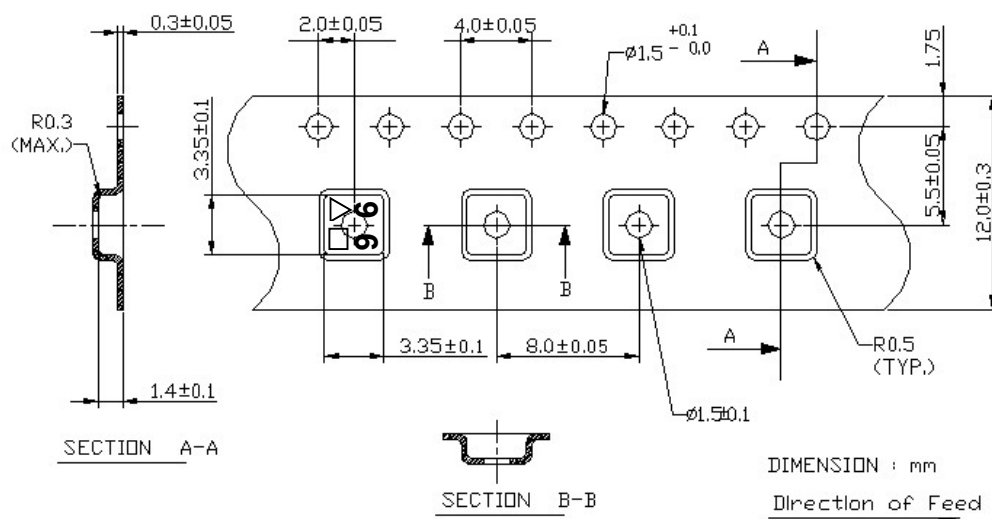
G. PACKING:

1. REEL DIMENSION

(Reel Count : 7''=1000 ; 13''=3000)



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

