



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: Dec, 20, 2007

Product Name: SAW Filter 915.3 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0792A

Customer Parts No.: _____

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

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 12, 20, 2007



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SAW Filter 915.3 MHz

MODEL NO.:TA0792A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -20°C to +75°C
4. Storage Temperature: -40°C to +85°C

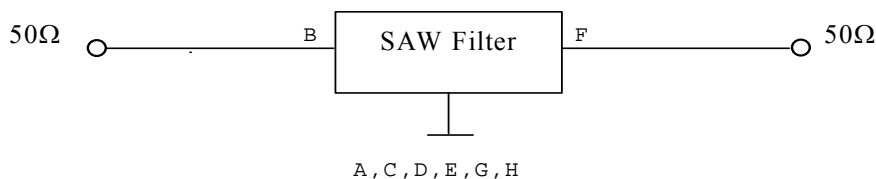
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS: (Ambient temperature : 25°C)

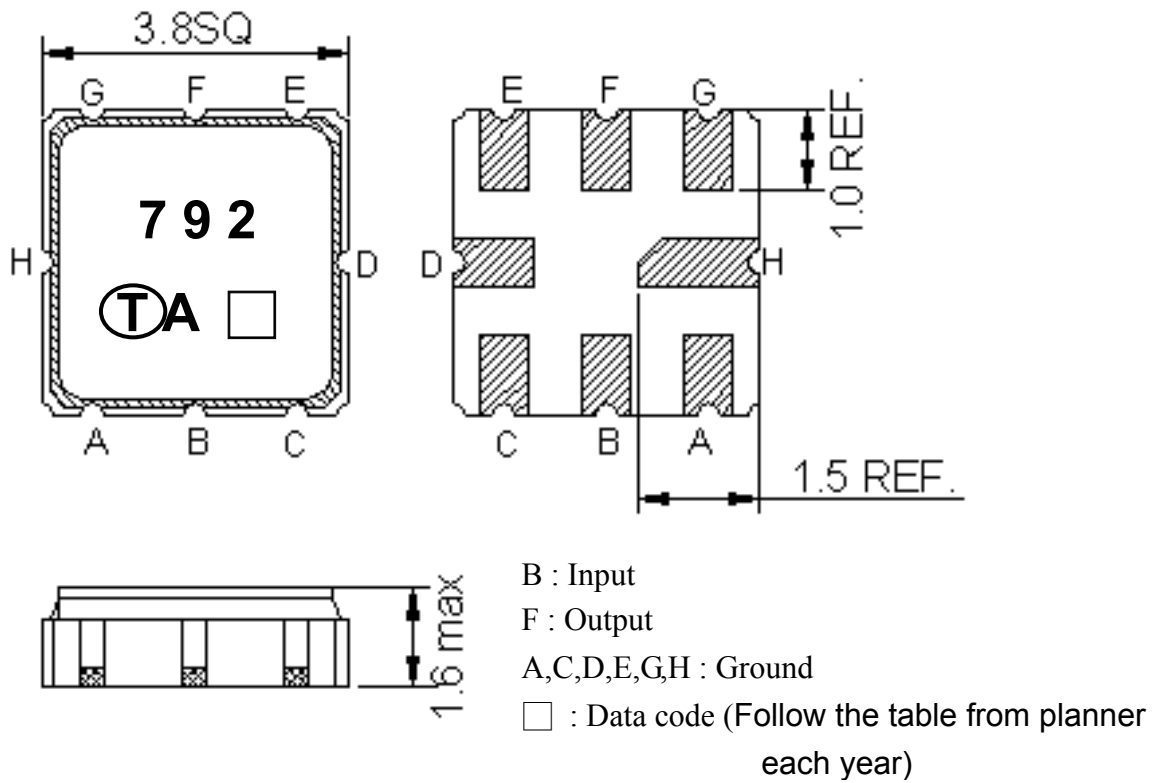
Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	915.3	-	-
Insertion Loss at Fc IL	dB	-	1.3	3.5	-
Lower 3 dB Band Edge	MHz	-	901	904.4	-
Upper 3 dB Band Edge	MHz	926.2	928.5	-	-
Amplitude Variation (904.4 ~ 926.2 MHz)	dB	-	1.5	3	-
Group Delay Variation (904.4 ~ 926.2 MHz)	ns	-	35	80	-
Attenuation (Reference level from IL)					
200 ~ 888.3 MHz	dB	35	43	-	-
888.3 ~ 894 MHz	dB	15	21	-	-
942.3 ~ 1400 MHz	dB	40	46	-	-
Temperature Coefficient of Frequency	Ppm/°C	-	-36	-	-

C. MEASUREMENT CIRCUIT:

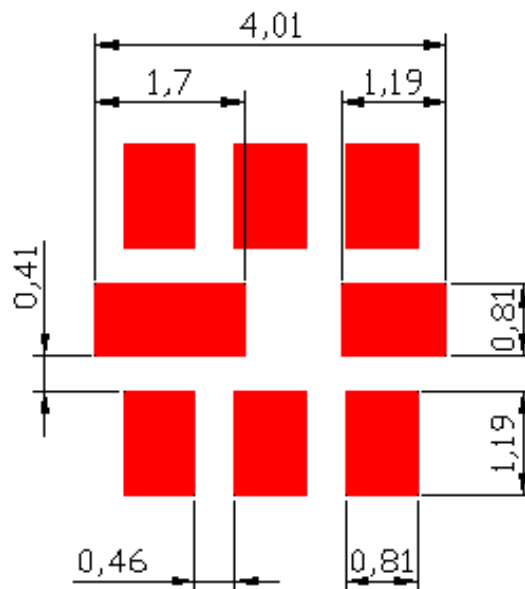
HP Network analyzer



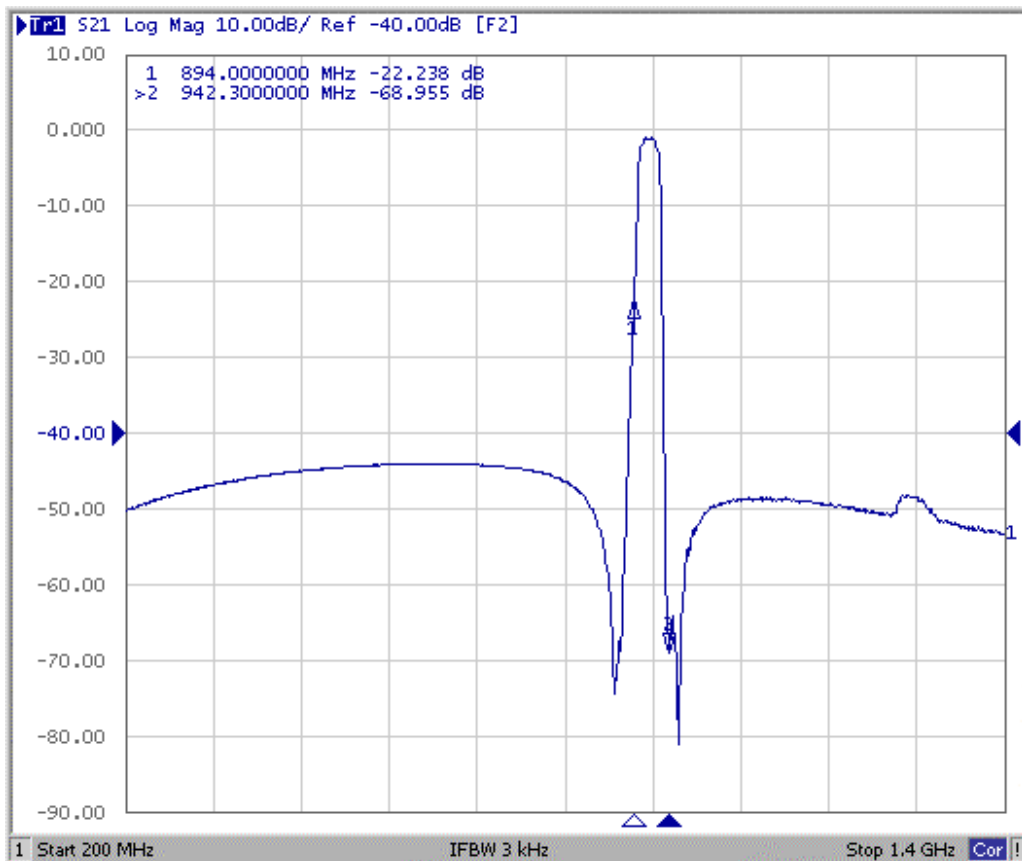
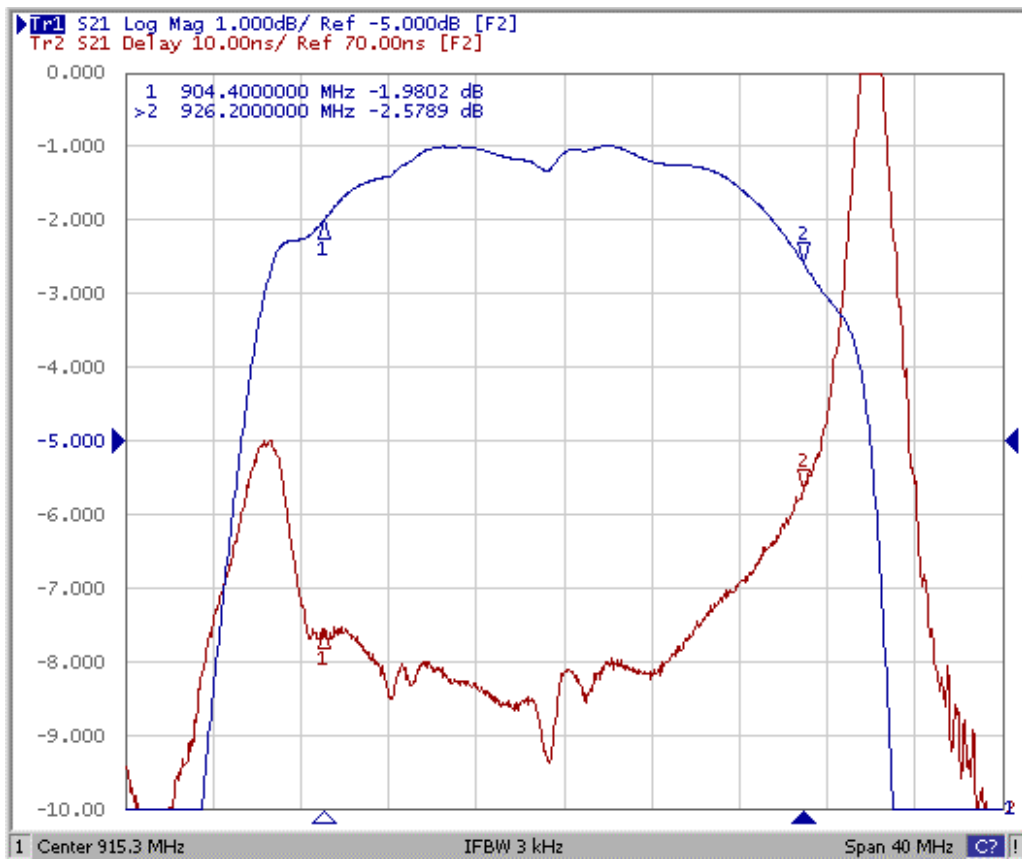
D. OUTLINE DRAWING:



E. PCB Footprint:

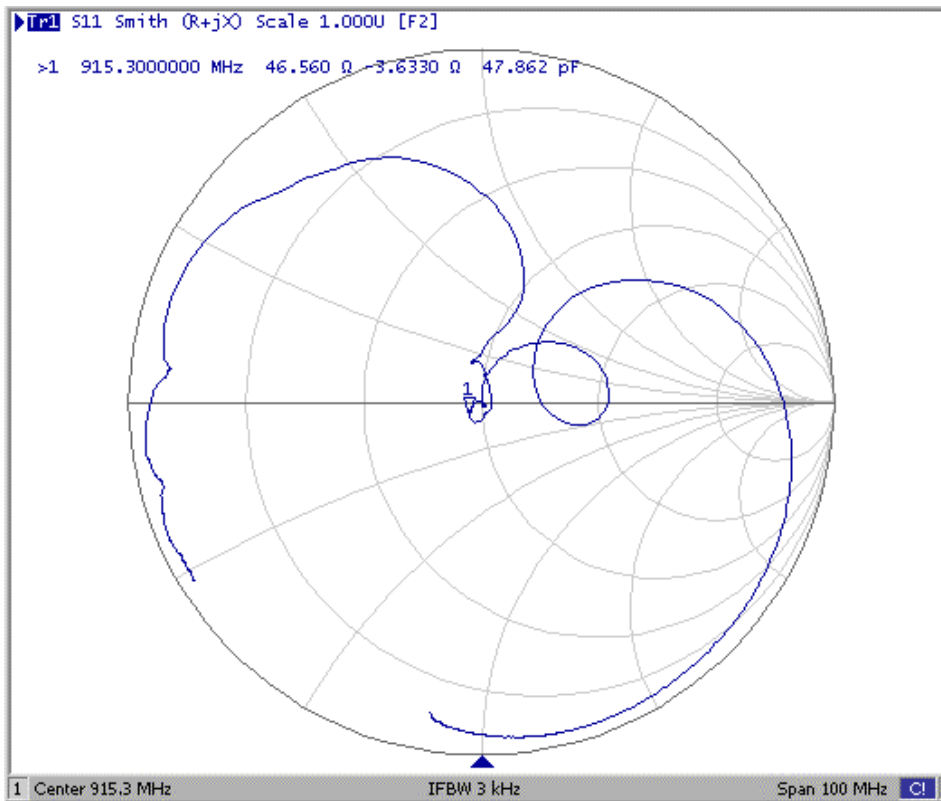
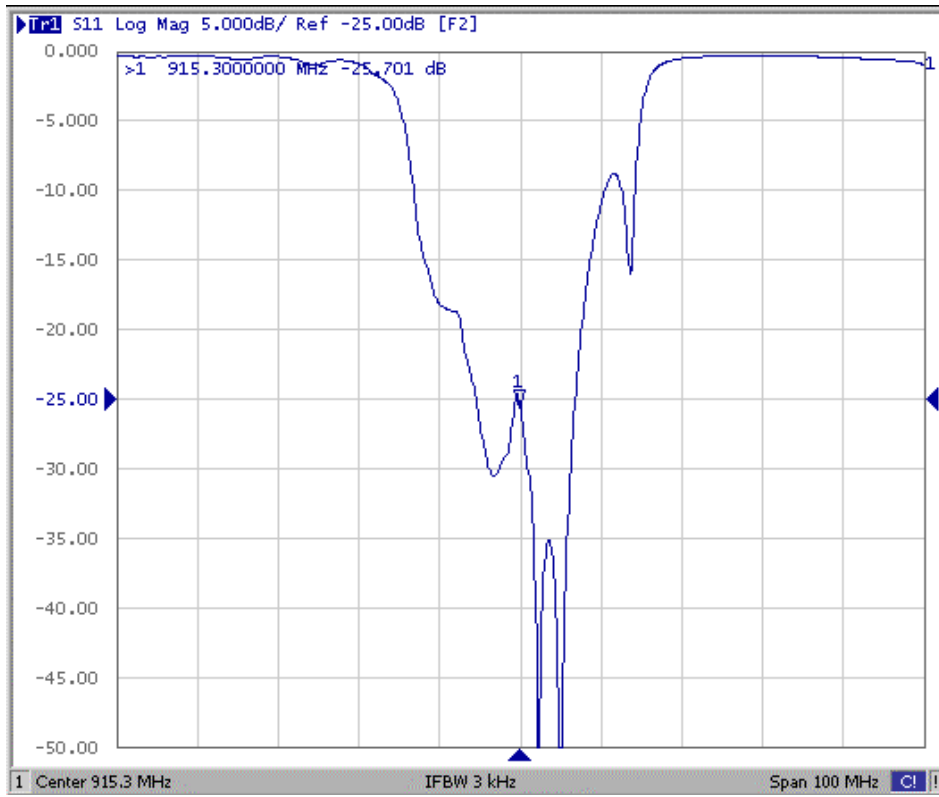


F. Frequency Characteristics :

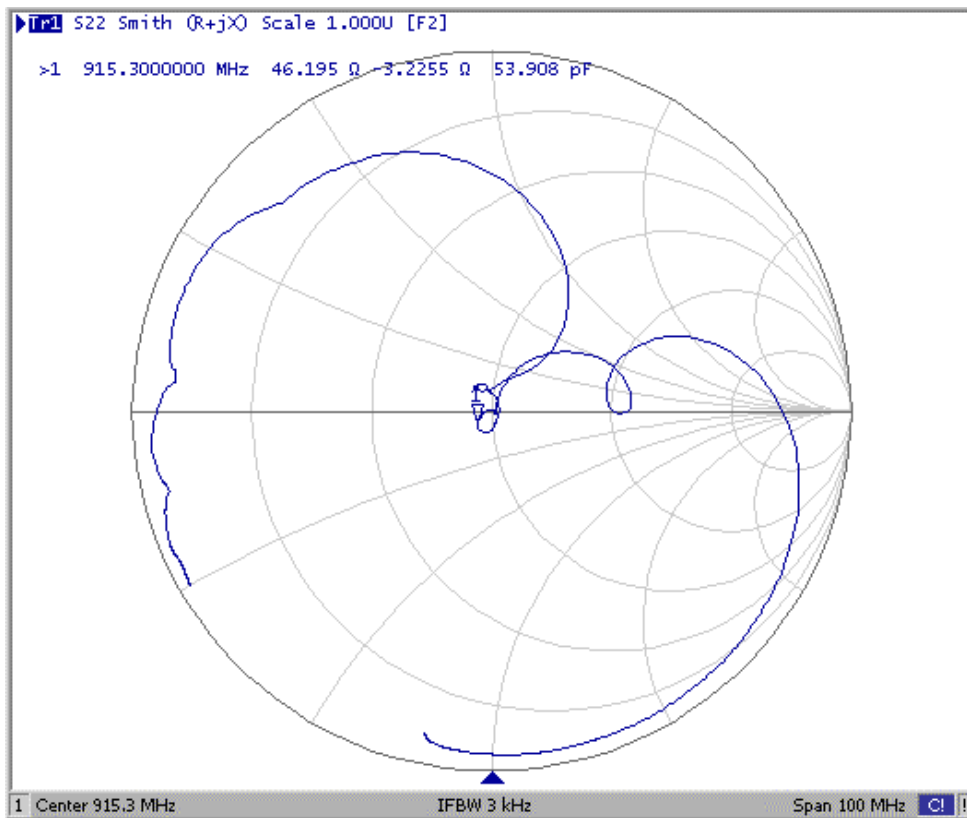
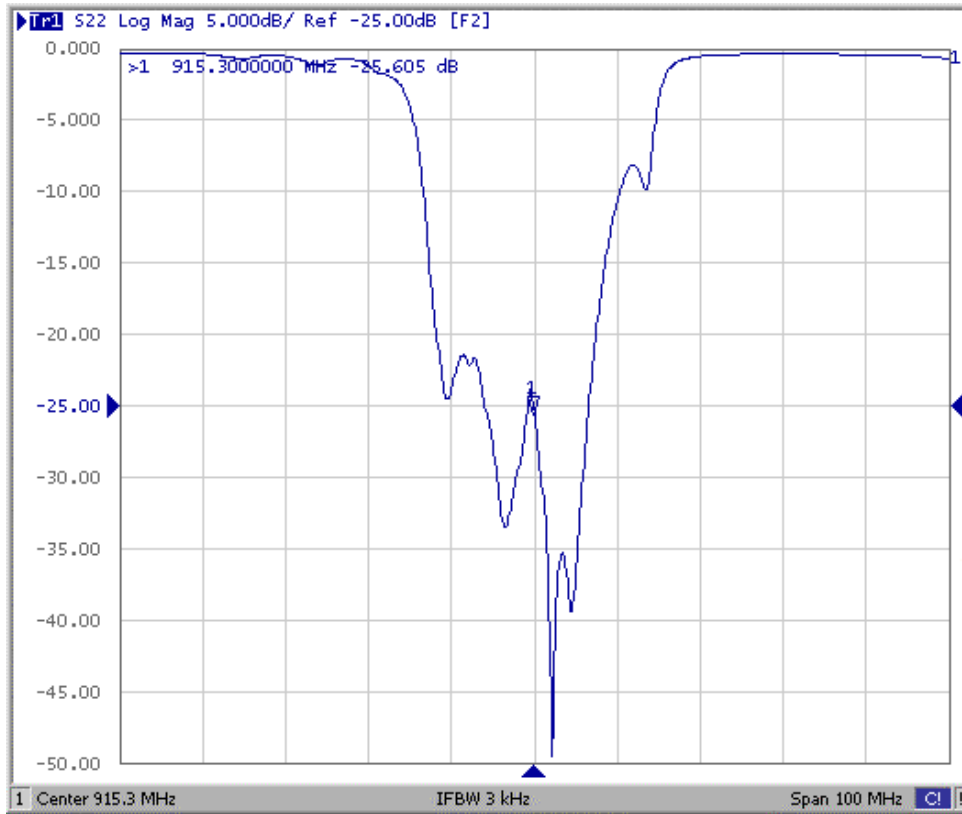


Reflection Functions :

S11



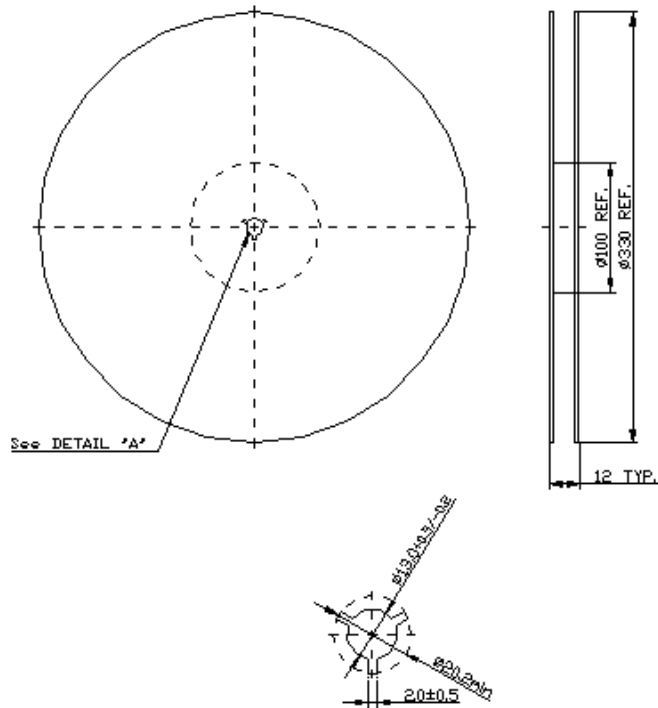
S22



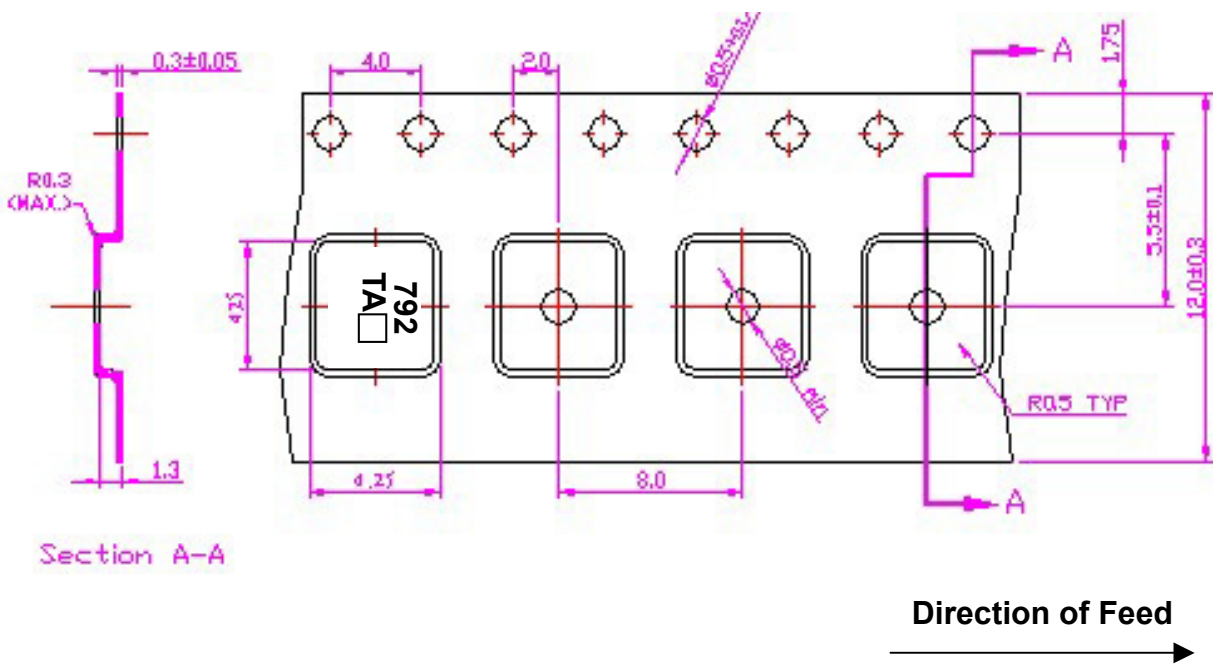
G. PACKING:

1. REEL DIMENSION

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



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

