



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

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Product Specifications Approval Sheet

Product Description: SAW Filter 446 MHz SMD 3.8x3.8 mm

TST Part No.: TA1291A

Customer Part No.: _____

Customer signature required
Company: _____
Division: _____
Approved by : _____
Date: _____

Checked by: _____ David Chang 張明智

Approved by: _____ Francis Chen 陳文輝

Date: _____ 2010/12/27

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 446 MHz

MODEL NO.:TA1291A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3 V
3. Operating Temperature: -10°C to +50°C
4. Storage Temperature: -40°C to +85°C

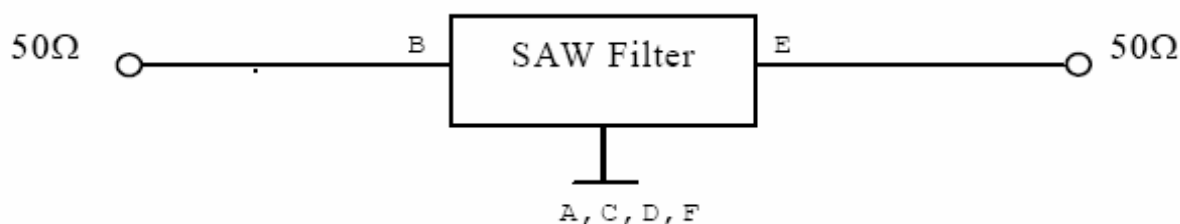
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

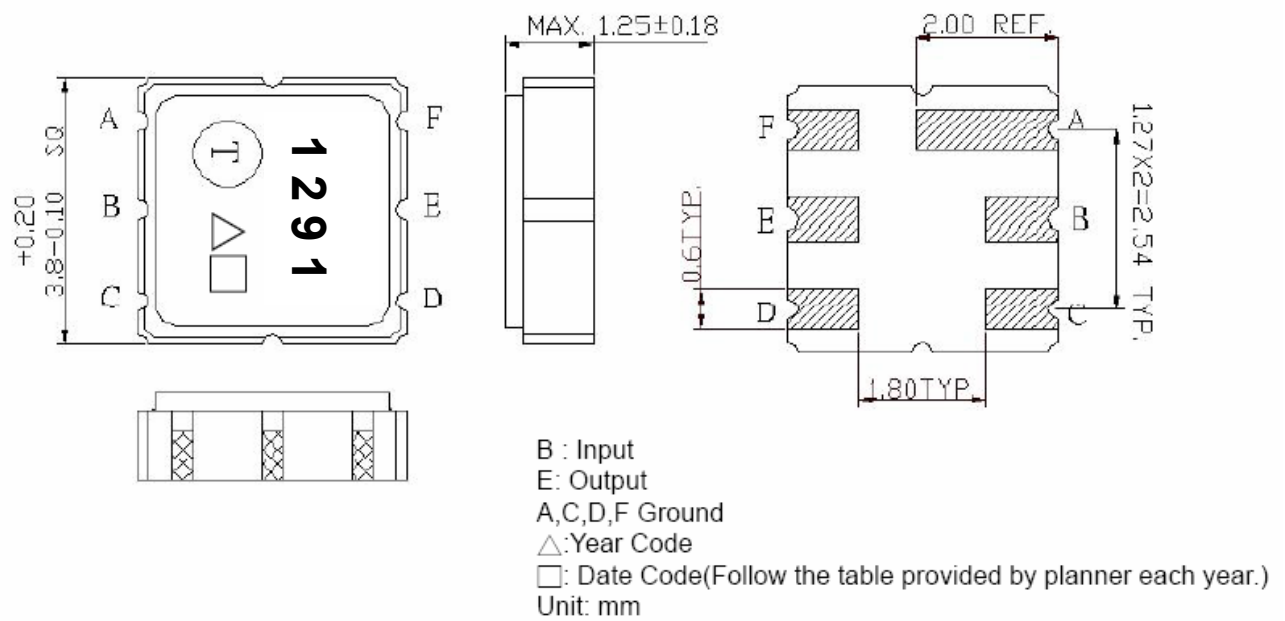
Item	Unit	Min.	Typ.	Max.
Center frequency F_c	MHz	-	446	-
Insertion Loss (444~448 MHz) IL	dB	-	2.9	4.5
Amplitude Ripple (444~448 MHz)	dB	-	1.1	2.0
Attenuation (Reference level from 0 dB)				
F _c -100 ~ F _c -40.8 MHz	dB	45	66	-
F _c +40.8 ~ F _c +100 MHz	dB	45	49	-
Temperature coefficient of frequency	ppm/k	-	-36	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



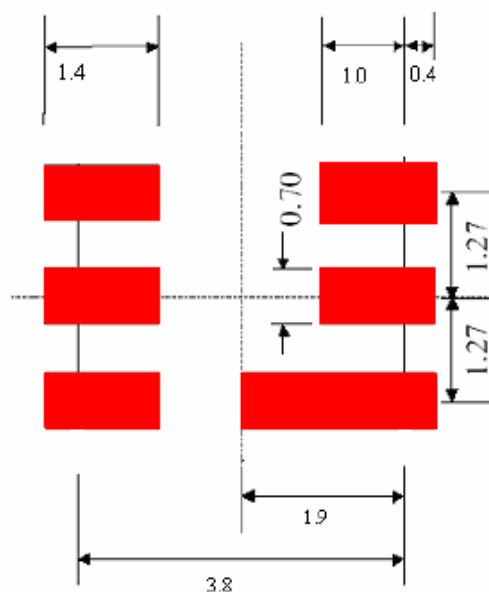
D.OUTLINE DRAWING:



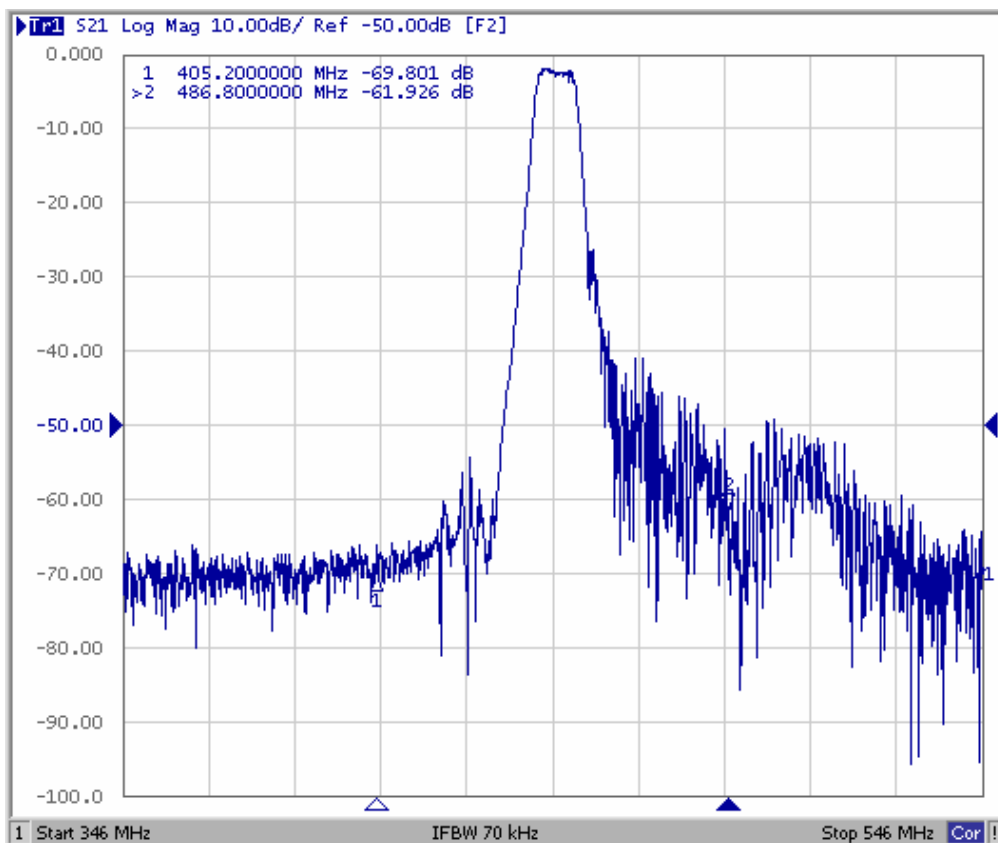
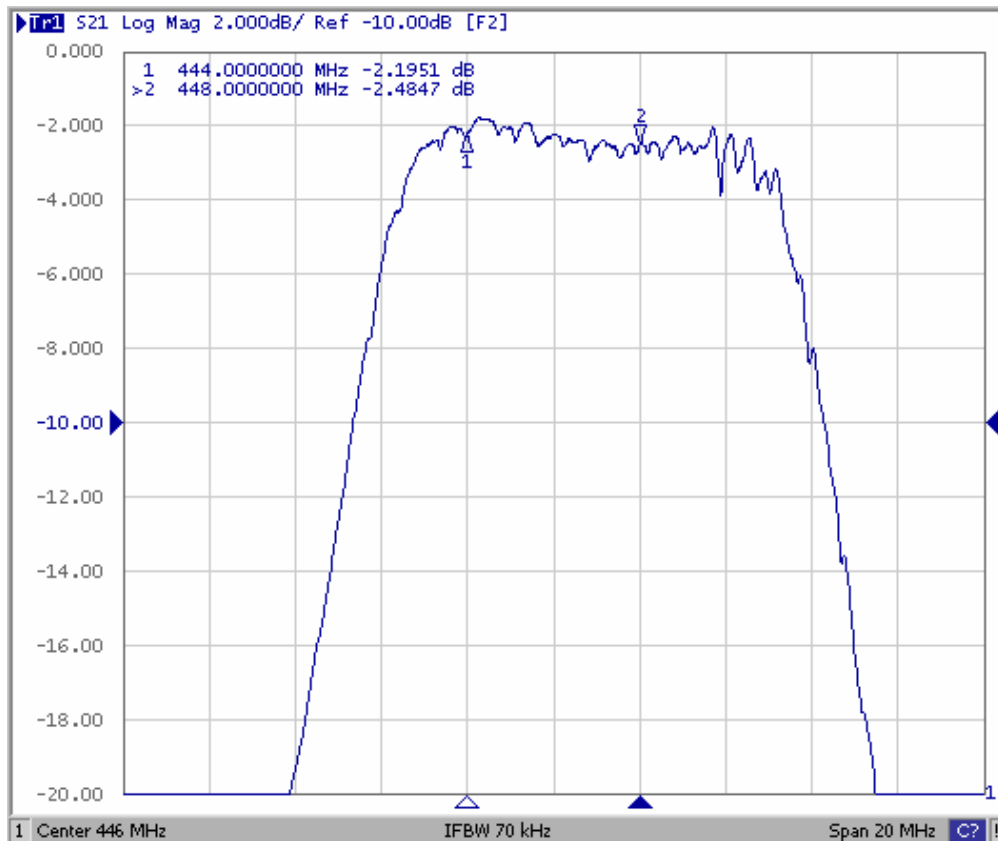
△ Product Year Code

Year	2005 2007 2009	2006 2008 2010
Product Code	A	a

E. PCB Footprint:

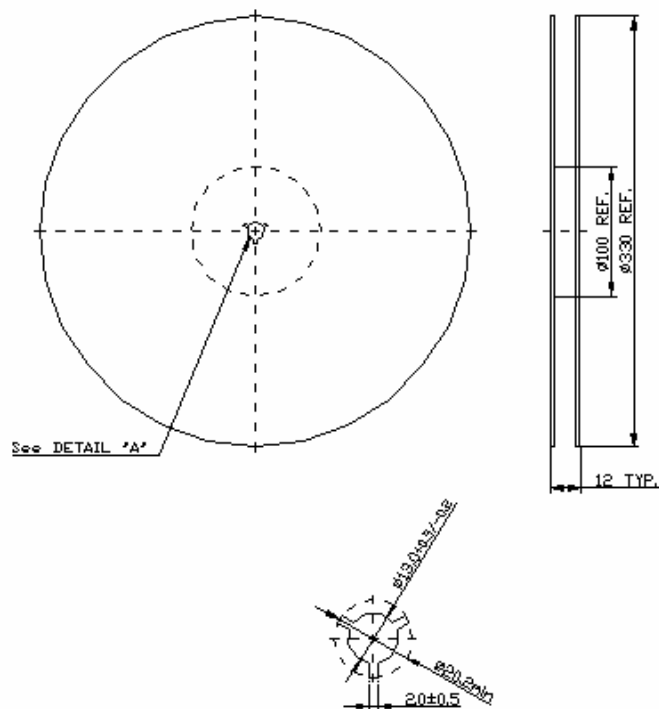


F. Frequency Characteristics:

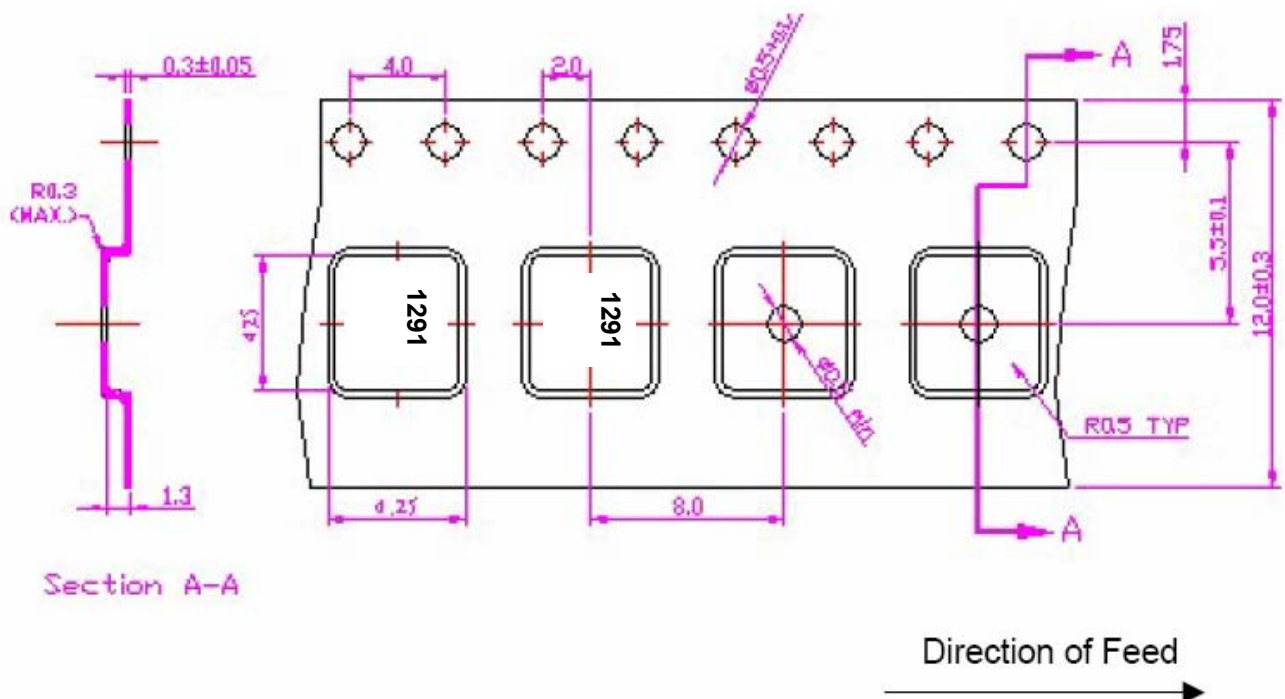


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

