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 1250 MHz (BW 20 MHz) SMD 2.0 x 1.6 mm

TST Part No.: TA2386B

Customer Part No.:_____

Customer signature required

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by: Sam Lin

Approved by: Andy Yu

Date: 2018/07/11

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.

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

SAW Filter 1250MHz

MODEL NO.:TA2386B REV. NO.:1

A. MAXIMUM RATING:

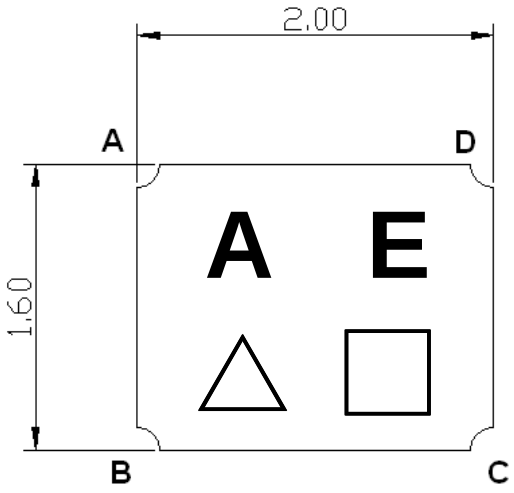
1. Input Power Level: 15 dBm
2. DC Voltage : 0V
3. Operating Temperature: -40℃ to +85℃
4. Storage Temperature: -55℃ to +125℃
5. Moisture Sensitive Level: Level 1 (MSL1)

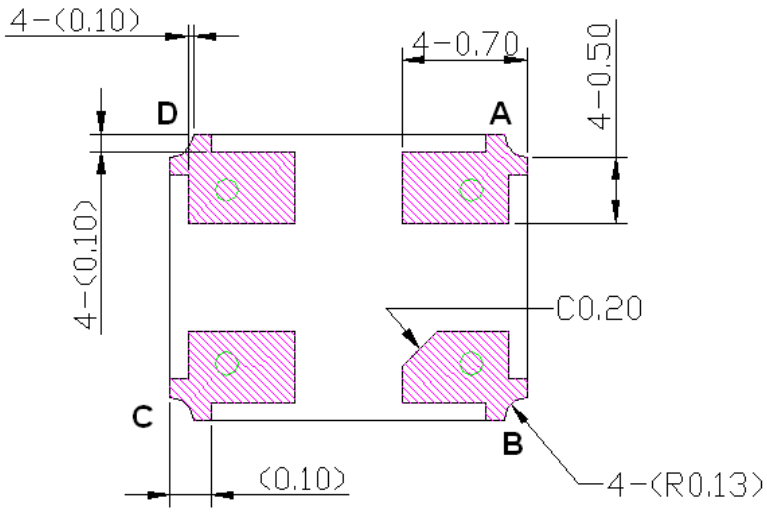
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min	Typical	Max
Center Frequency	MHz	-	1250	-
Insertion Loss (1240 ~ 1260 MHz)	dB	-	1.7	2.5
Amplitude Ripple (1240 ~ 1260 MHz)	dB	-	0.7	1.5
Return Loss (1240 ~ 1260 MHz)	dB	10	13	-
Attenuation (Reference level from 0 dB)				
0.3 ~ 1000 MHz	dB	30	33	-
1000 ~ 1210 MHz	dB	30	35	-
1290 ~ 1330 MHz	dB	33	36	-
1330 ~ 1400 MHz	dB	30	34	-
1400 ~ 3000 MHz	dB	33	35	-

C.OUTLINE DRAWING:

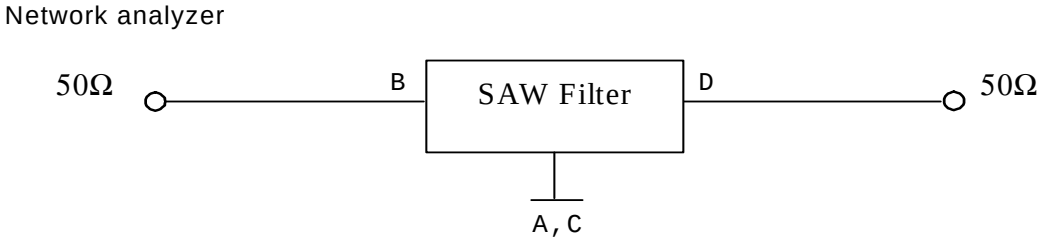




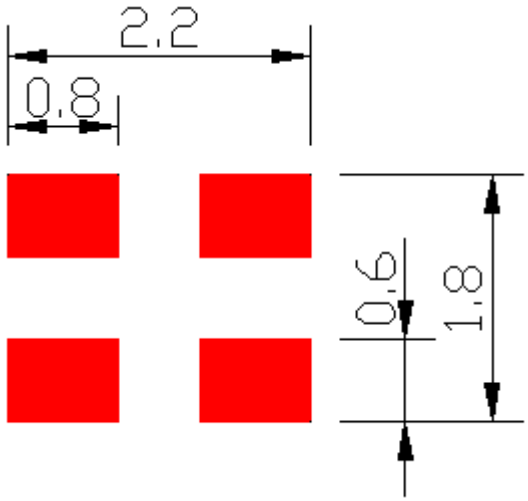
#B:	Input
#D:	Output
#A,C:	Ground
Unit:	mm

△**:** Year(2011:1)
□**:** Week(A~Z:Week01~26, a~z:Week27~52)

D. MEASUREMENT CIRCUIT:

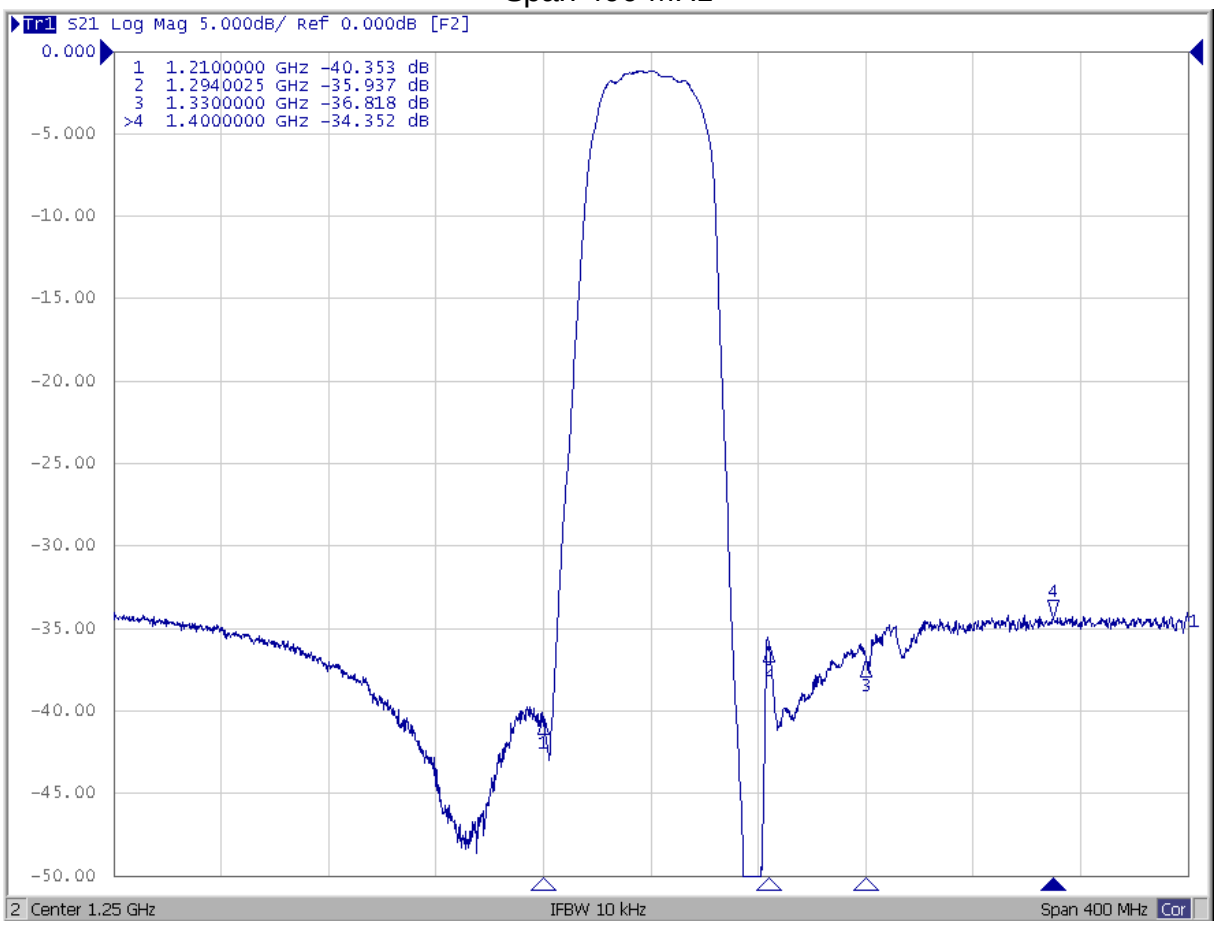


E. PCB Footprint:

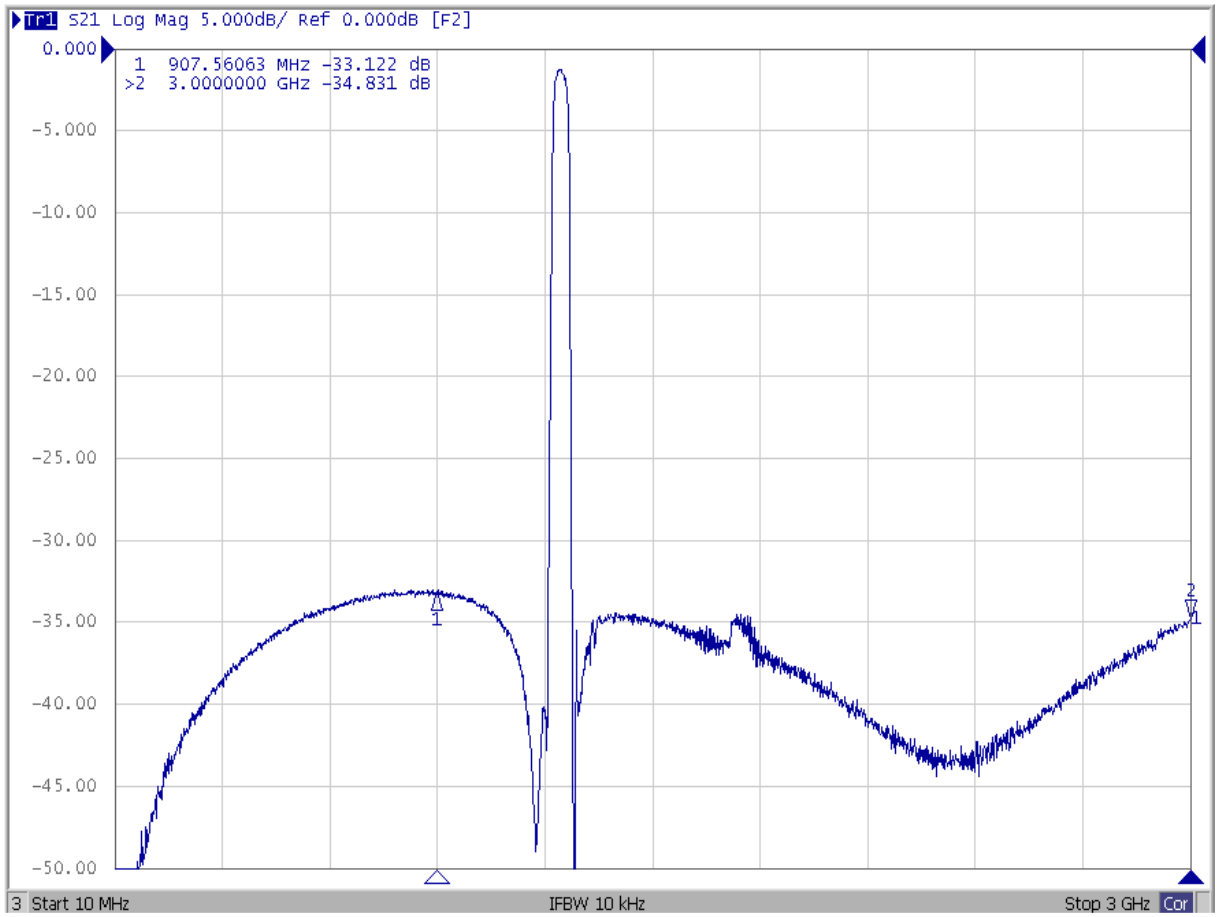


F. Frequency Characteristics:

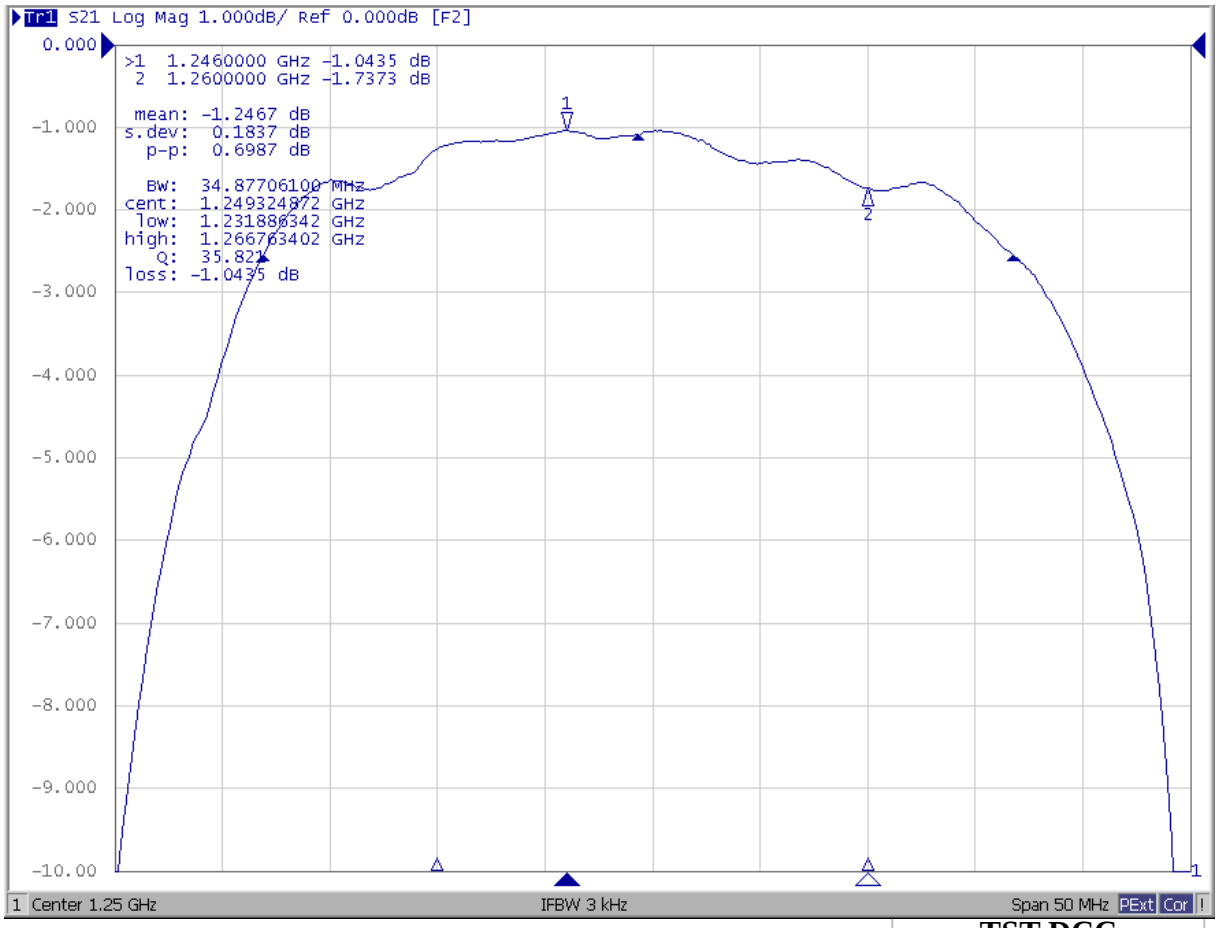
Span 400 MHz



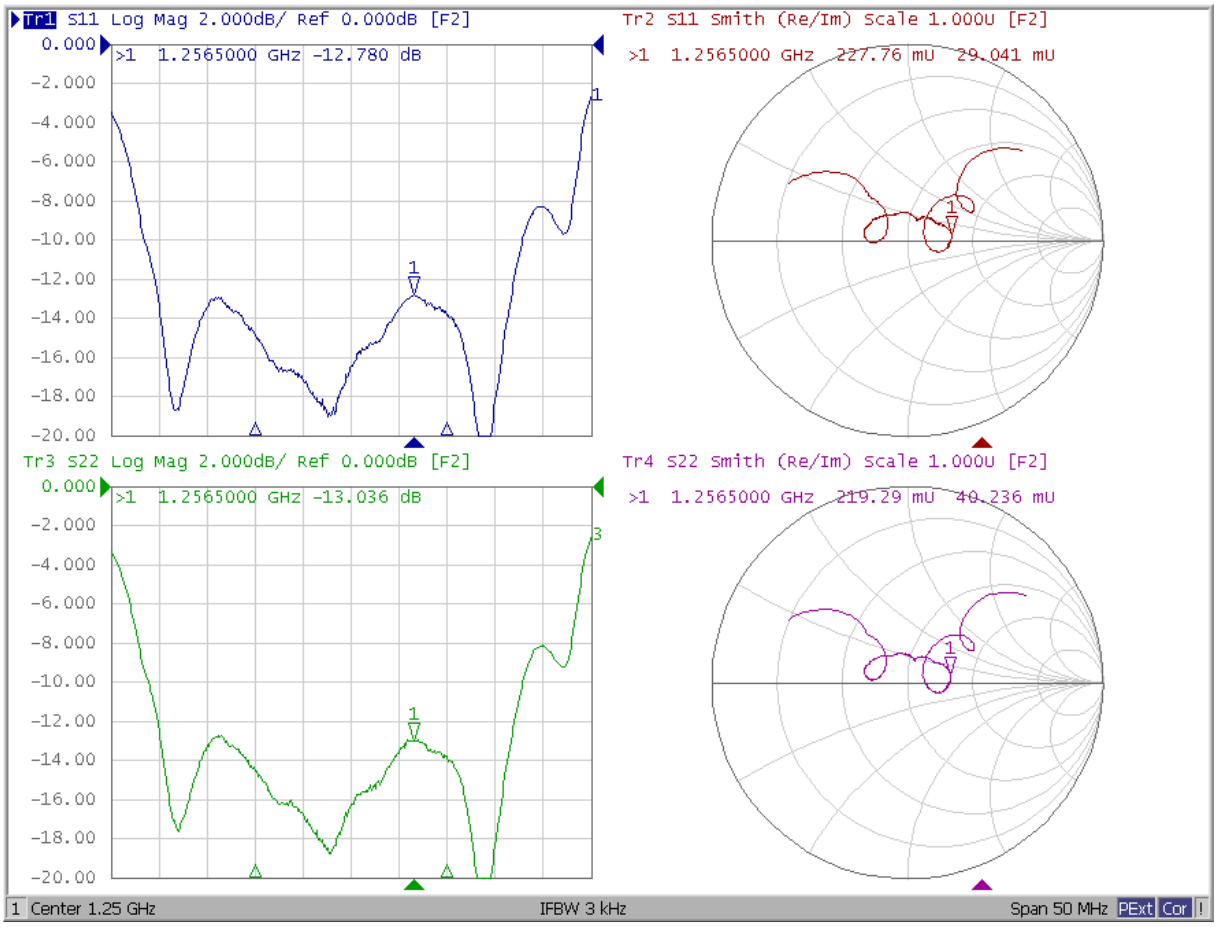
Span 3000 MHz



Span 50 MHz

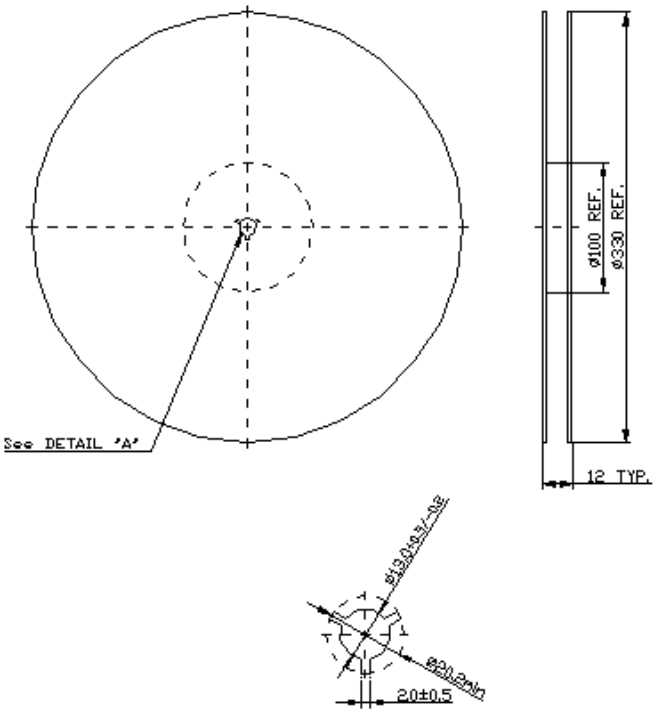


Reflective functions

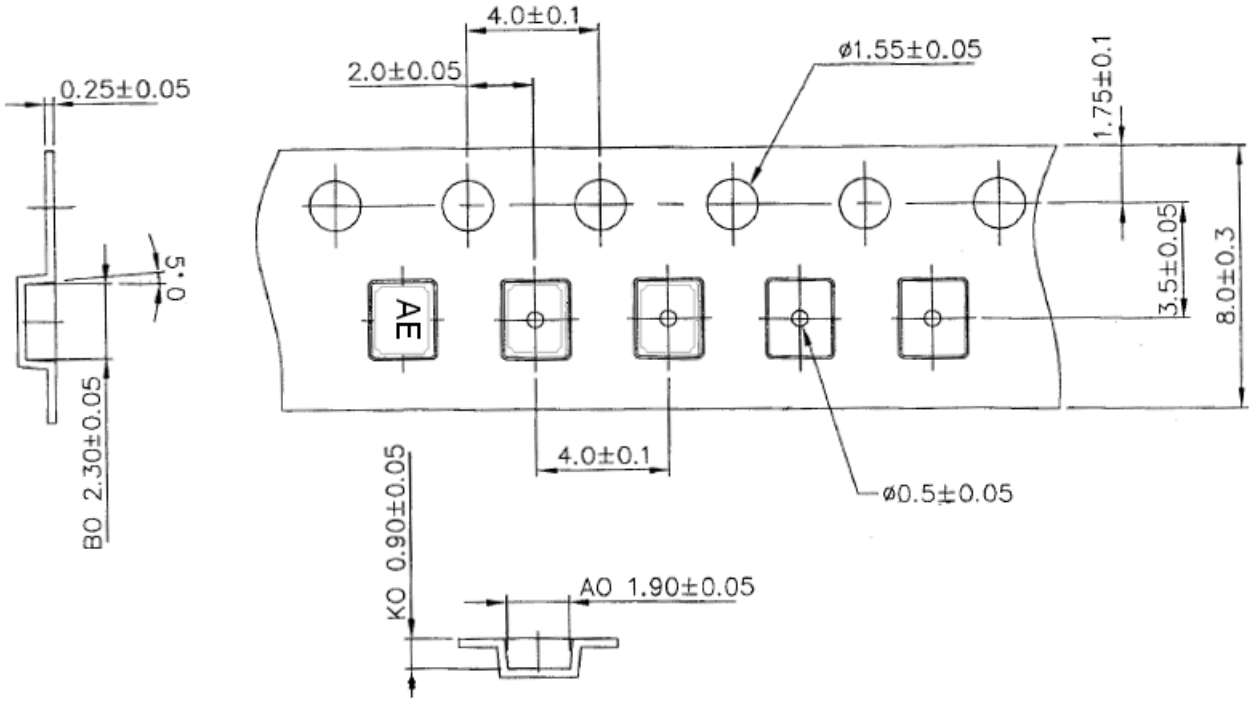


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

1. Preheating shall be fixed at 150~180℃ for 60~90 seconds.
2. Ascending time to preheating temperature 150℃ shall be 30 seconds min.
3. Heating shall be fixed at 220℃ for 50~80 seconds and at 260℃+0/-5℃ peak (20~40sec).
4. Time: 2 times.