



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 915MHz 26MHz BW SMD 1.4x1.1 mm

TST Part No.: TA1610A

Customer Part No.: _____

Customer signature required

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Andy Yu 

Approved by: _____ Bob Chau 

Date: _____ 2014/02/18

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 915MHz 26MHz BW SMD 1.4x1.1 mm

MODEL NO.:TA1610A

REV 1.0

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

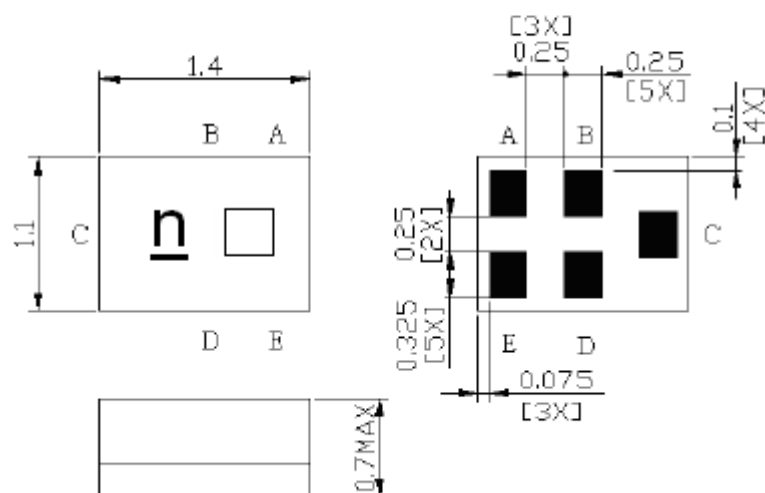
Electrostatic Sensitive Device (ESD)

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	915	-	-
Insertion Loss (902~928 MHz) IL	dB	-	2.3	3.2	-
VSWR (902~928 MHz)	dB	-	1.7	2.4	-
Amplitude ripple(902~928 MHz)	dB	-	0.6	1.8	-
Attenuation					
10 ~ 700 MHz	dB	55	75	-	-
700 ~ 770 MHz	dB	50	65	-	-
770 ~ 850 MHz	dB	45	66	-	-
850 ~ 880 MHz	dB	26	35	-	-
880 ~ 894 MHz	dB	-	3	-	-
990 ~ 1020 MHz	dB	38	43	-	-
1020 ~ 1850 MHz	dB	45	65	-	-
1850 ~ 3000 MHz	dB	30	52	-	-
Package size	mm	SMD 1.4x1.1			-

C.OUTLINE DRAWING:

Connection	Terminals
Input	C
Output	A, E
Ground	B, D



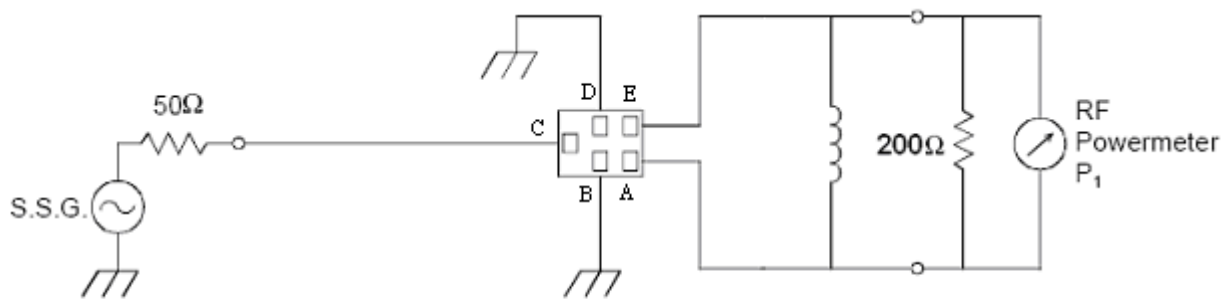
Marking name: n

☐ Date code: Please refer to our date code blank as below.

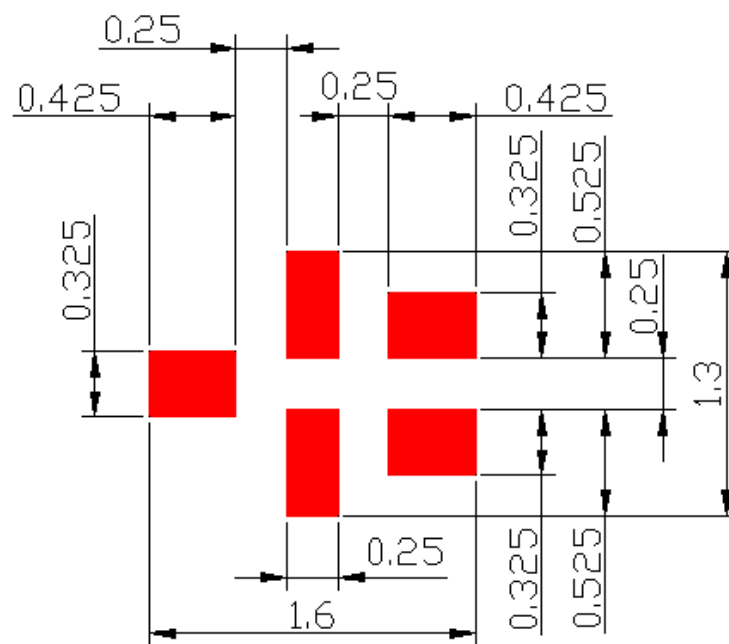
Date code Option

YEAR/Month	1	2	3	4	5	6	7	8	9	10	11	12
2009	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>	<u>G</u>	<u>H</u>	<u>J</u>	<u>K</u>	<u>L</u>	<u>M</u>
2010	<u>N</u>	<u>P</u>	<u>Q</u>	<u>R</u>	<u>S</u>	<u>T</u>	<u>U</u>	<u>V</u>	<u>W</u>	<u>X</u>	<u>Y</u>	<u>Z</u>
2011	<u>a</u>	<u>b</u>	<u>c</u>	<u>d</u>	<u>e</u>	<u>f</u>	<u>g</u>	<u>h</u>	<u>i</u>	<u>k</u>	<u>l</u>	<u>m</u>
2012	<u>n</u>	<u>p</u>	<u>q</u>	<u>r</u>	<u>s</u>	<u>t</u>	<u>u</u>	<u>v</u>	<u>w</u>	<u>x</u>	<u>y</u>	<u>z</u>
2013	A	B	C	D	E	F	G	H	J	K	L	M
2014	N	P	Q	R	S	T	U	V	W	X	Y	Z
2015	a	b	c	d	e	f	g	h	j	k	l	m
2016	n	p	q	r	s	t	u	v	w	x	y	z

D. MEASUREMENT CIRCUIT:



E. PCB Footprint:

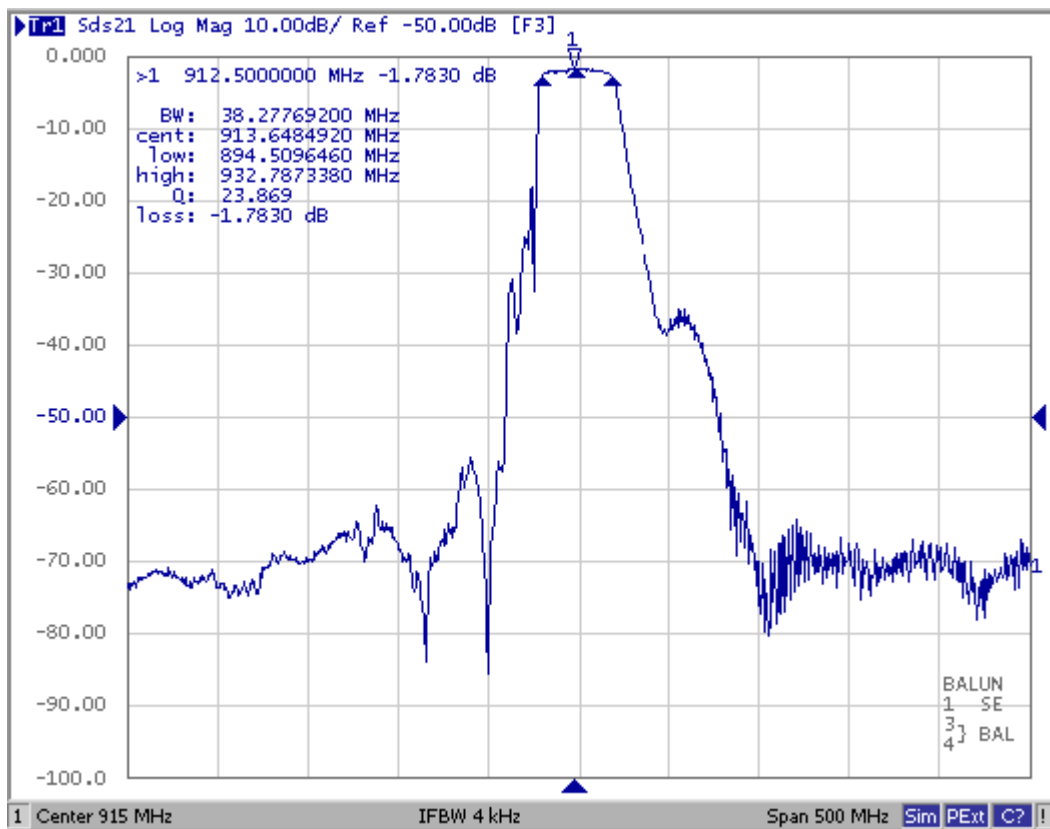


: Land Pattern

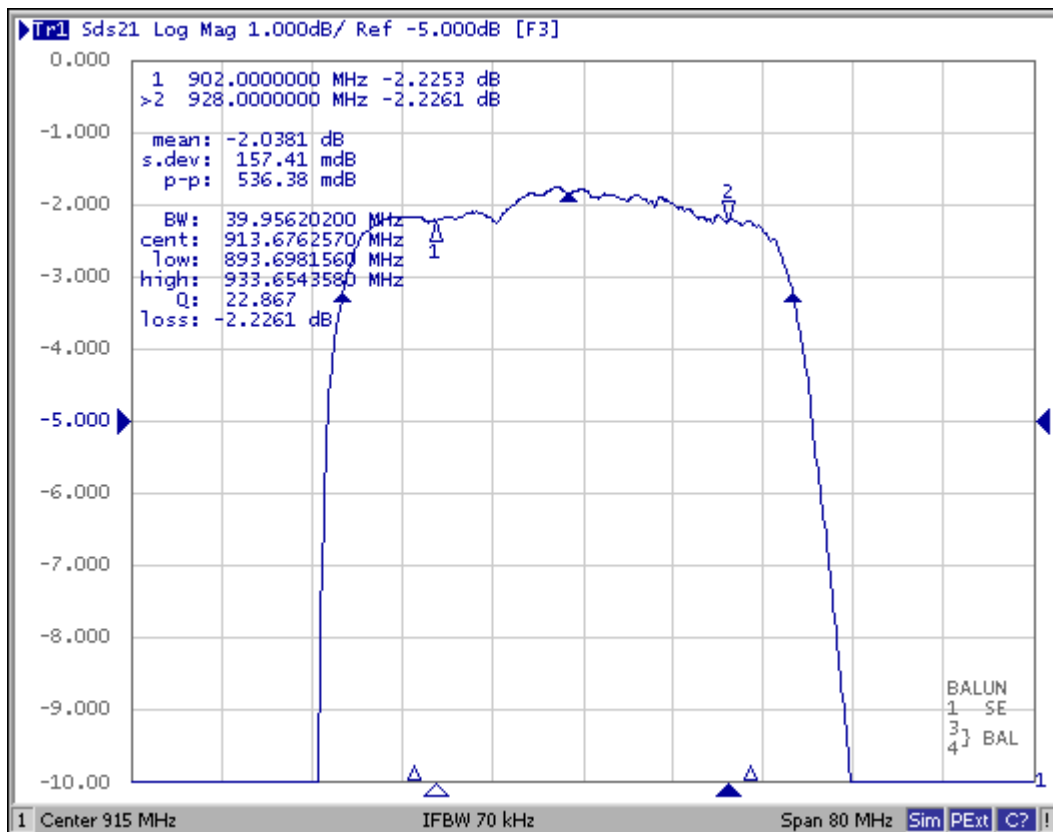
Unit : mm

F. Frequency Characteristics :

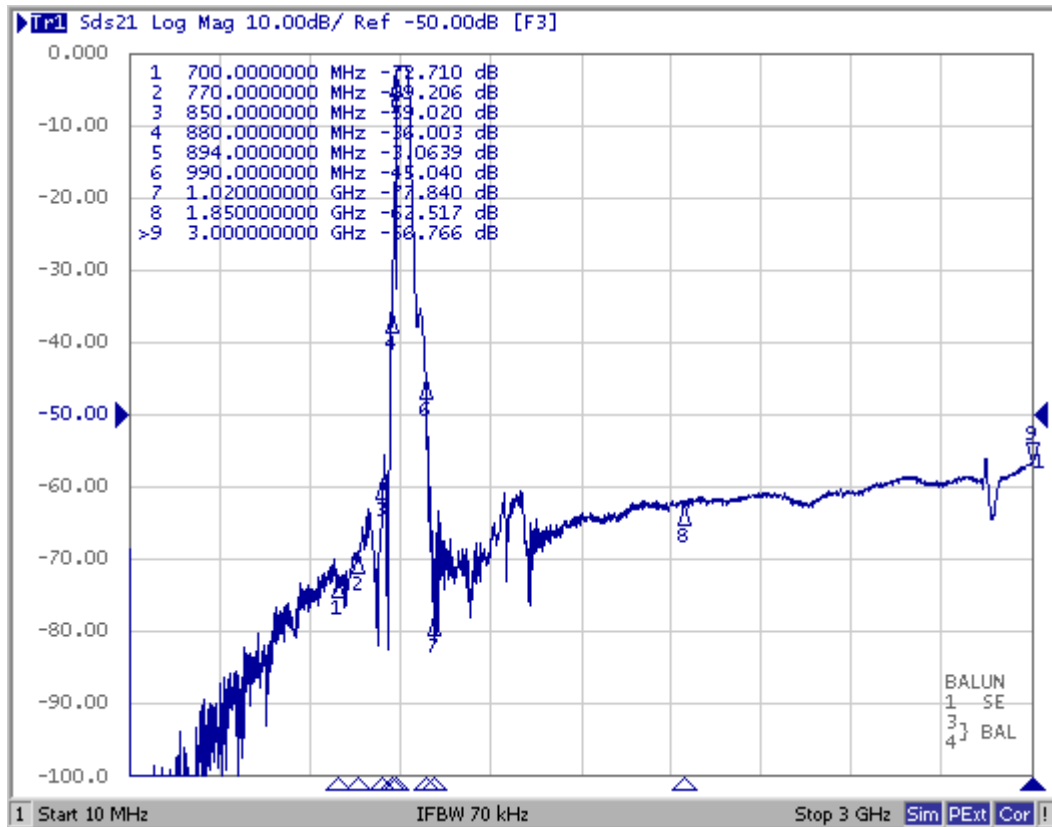
1. S21 Response (span 500MHz):



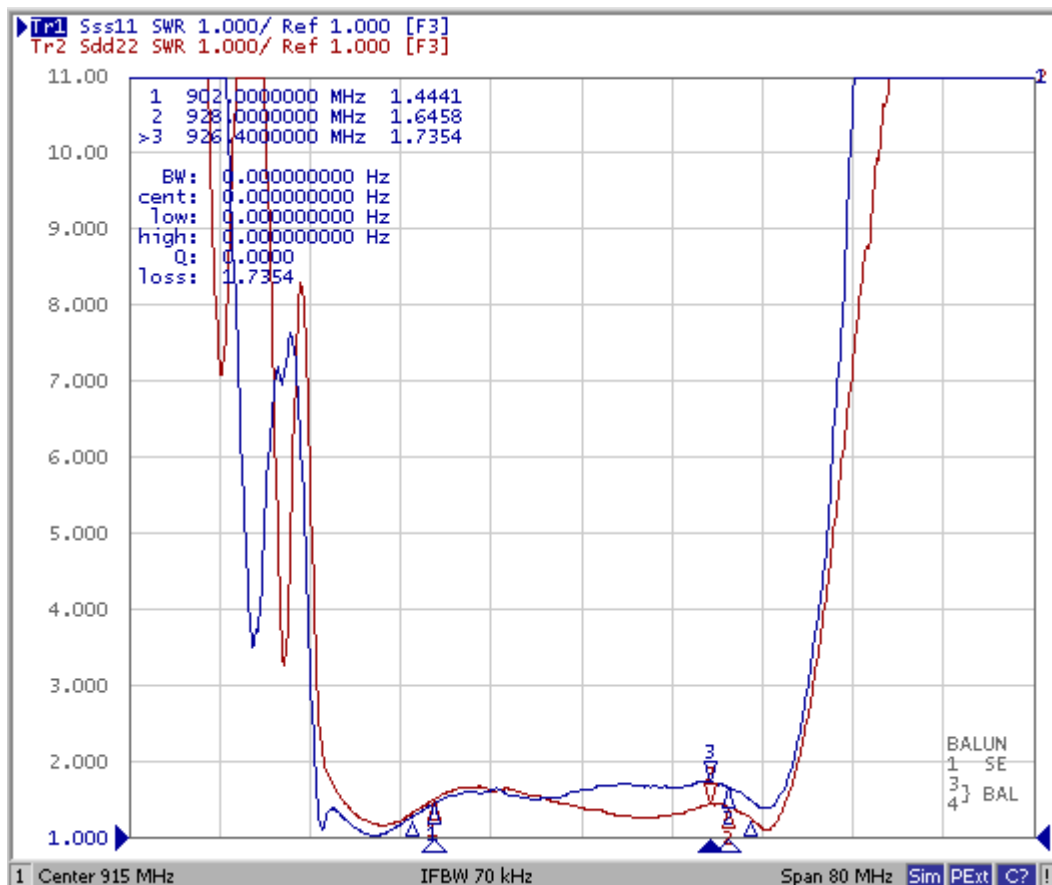
2. S21 Response (span 80MHz):



3. S21 Response (span 3.0GHz):



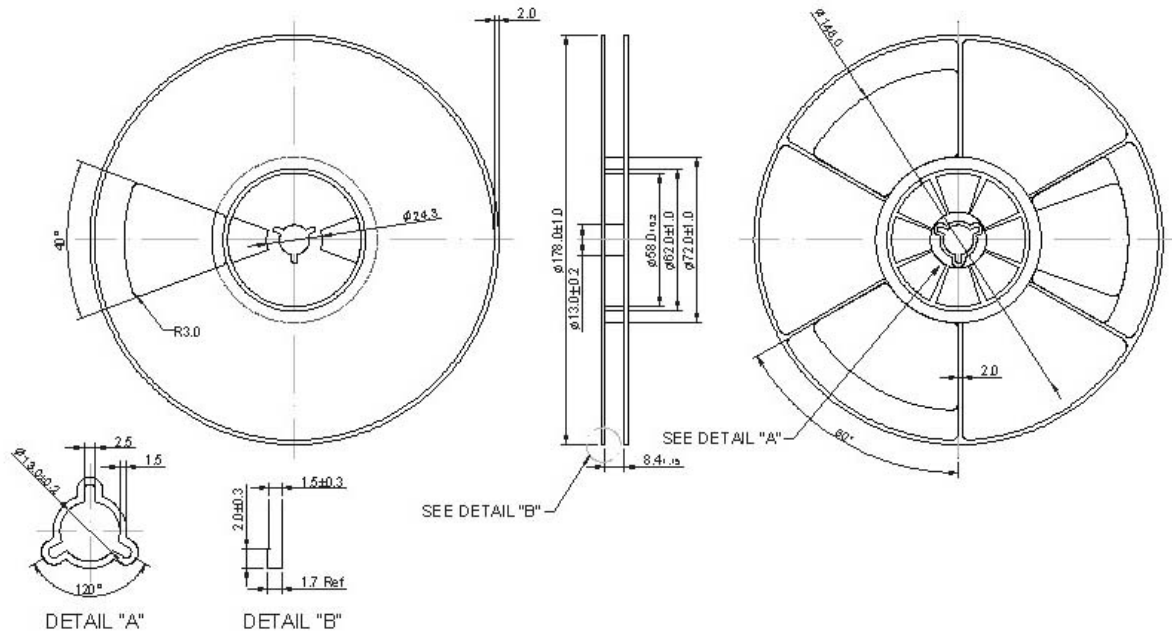
4. S11&S22 VSWR (span 80MHz):



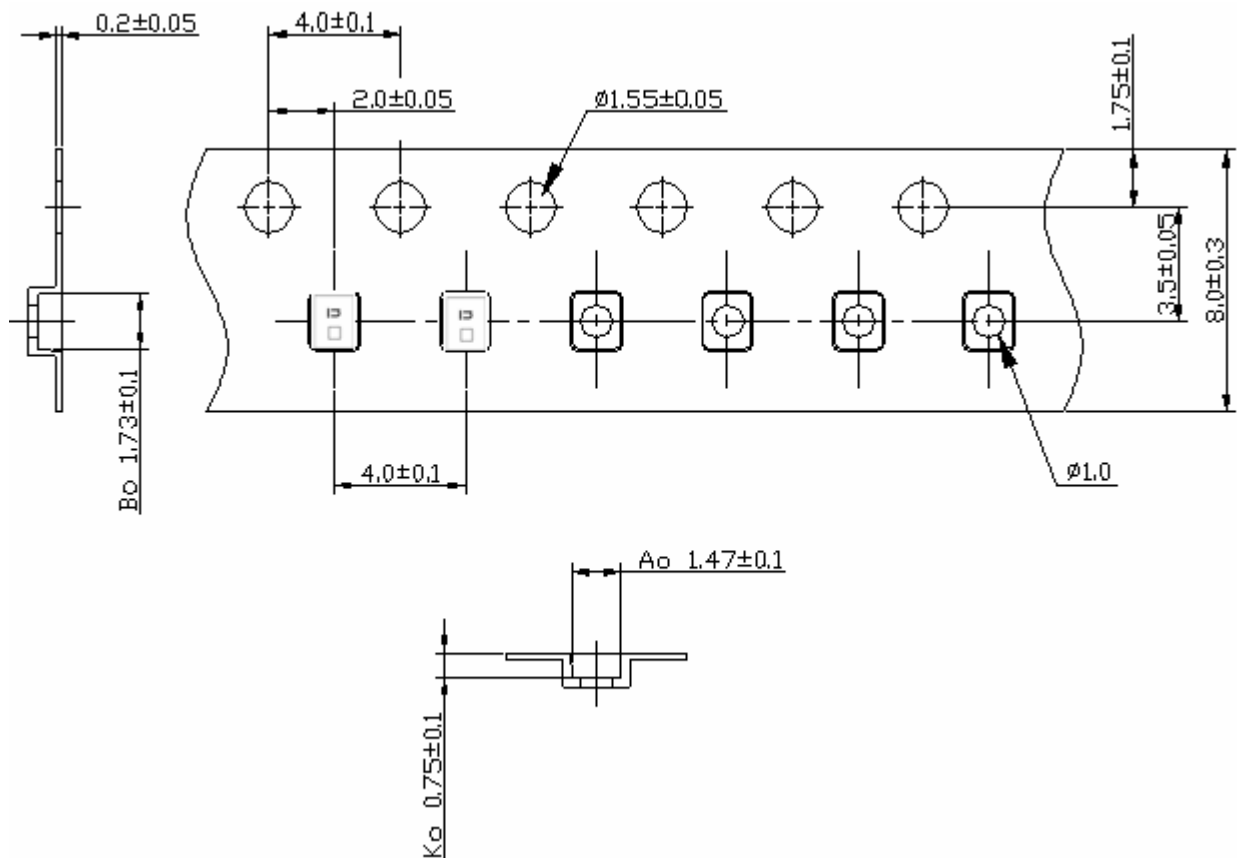
G. PACKING:

1. REEL DIMENSION

(Please refer to FR-75D10 for packing quantity)



2. TAPE DIMENSION



Direction of Feed

H. RECOMMENDED REFLOW PROFILE :

