

# SAW Filter 782 MHz

MODEL NO.:TA1605A

REV. NO.:3.0

## A. MAXIMUM RATING:

1. Input Power Level: +25 dBm
2. DC Voltage : 3V
3. Operating Temperature: -40 °C to +85 °C
4. Storage Temperature: -40 °C to +85 °C
5. Moisture Sensitive Level (MSL): Level 1



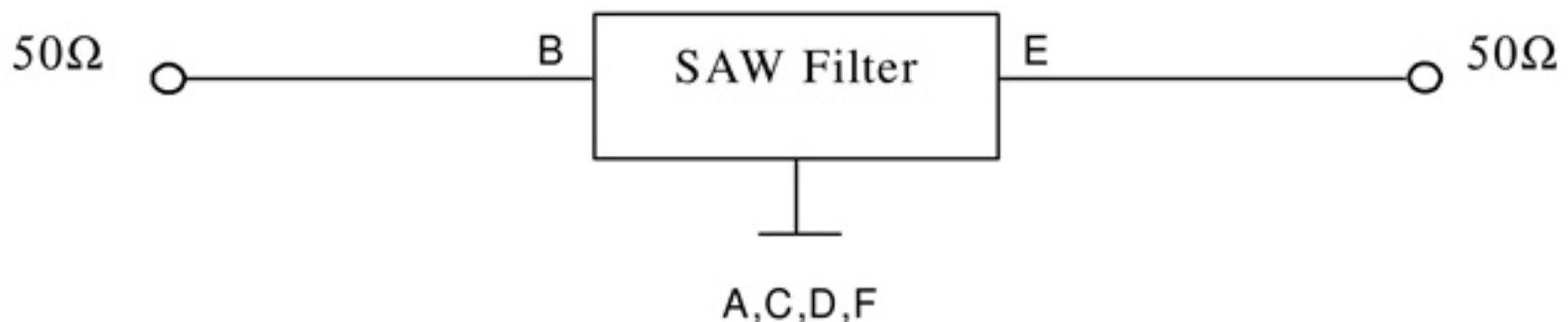
**Electrostatic Sensitive Device (ESD)**

## B. ELECTRICAL CHARACTERISTICS:

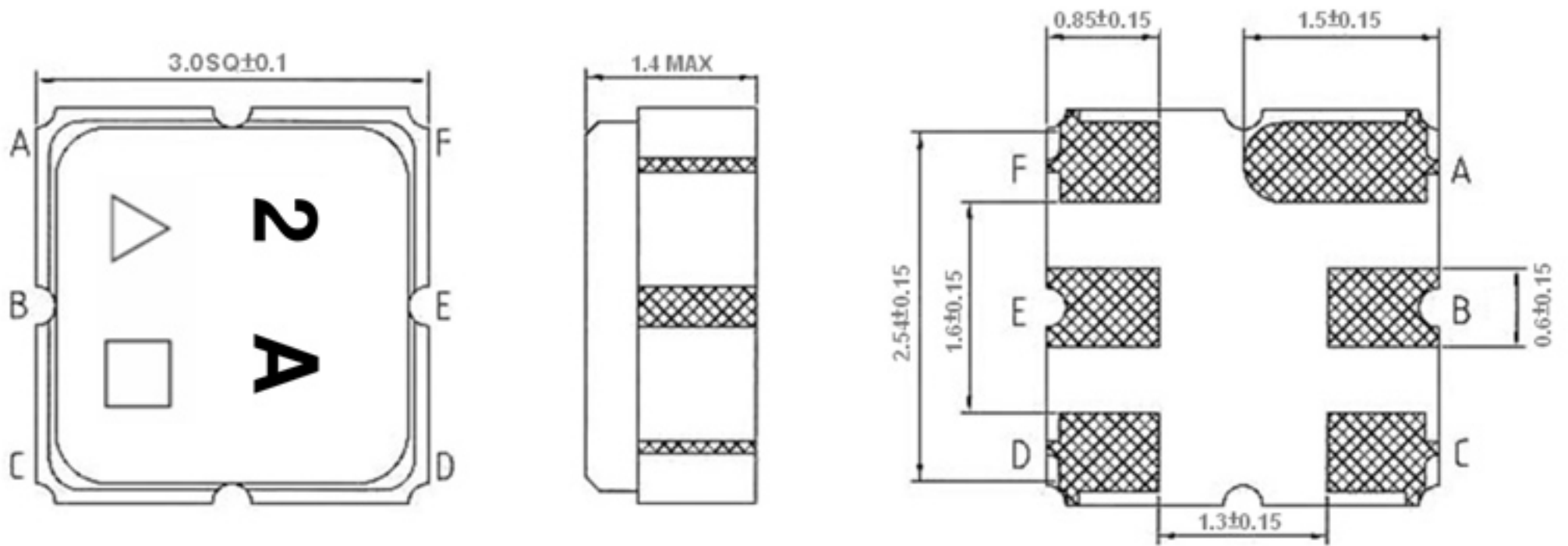
Item	Unit	Min.	Typ.	Max.	
<b>Center Frequency</b> <b>Fc</b>	MHz	-	782	-	
<b>Insertion loss (777~787 MHz)</b> <b>IL</b>	dB	-	2.2	3	
<b>Bandwidth</b>	MHz	10	25	-	
<b>Amplitude Ripple (777 ~ 787 MHz)</b>	dB	-	0.35	1	
<b>Attenuation (Reference level from 0 dB)</b>					
300 ~ 700 MHz	dB	28	61	-	
728 ~ 757 MHz	dB	10	48	-	
880 ~ 1050 MHz	dB	28	61	-	
<b>Temperature Coefficient of Frequency</b>	Ppm/°C	-	-36	-	

## C. MEASUREMENT CIRCUIT:

HP Network analyzer



**D. OUTLINE DRAWING:**



**B: Input**

**E: Output**

**A, C, D, F: Ground**

**Unit: mm**

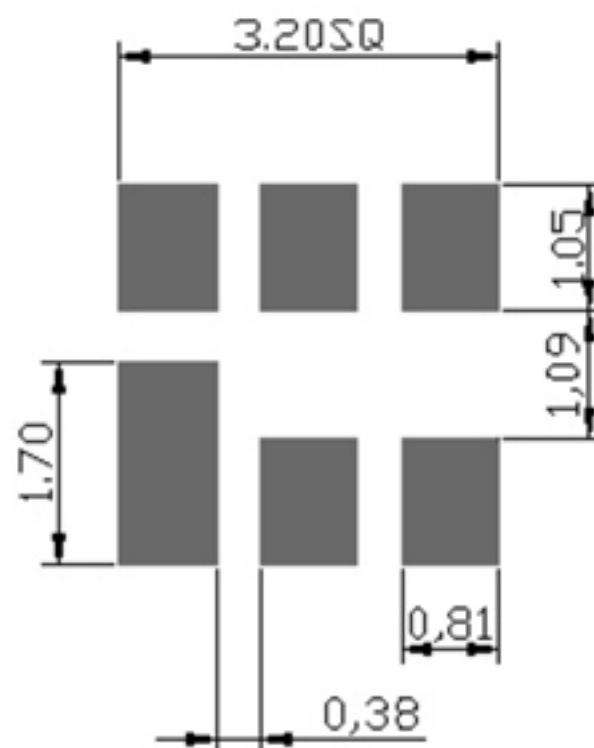
**△ : Year Code (2011->1, 2012->2, ..., 2019->9, 2020->0)**

**□ : Date Code**

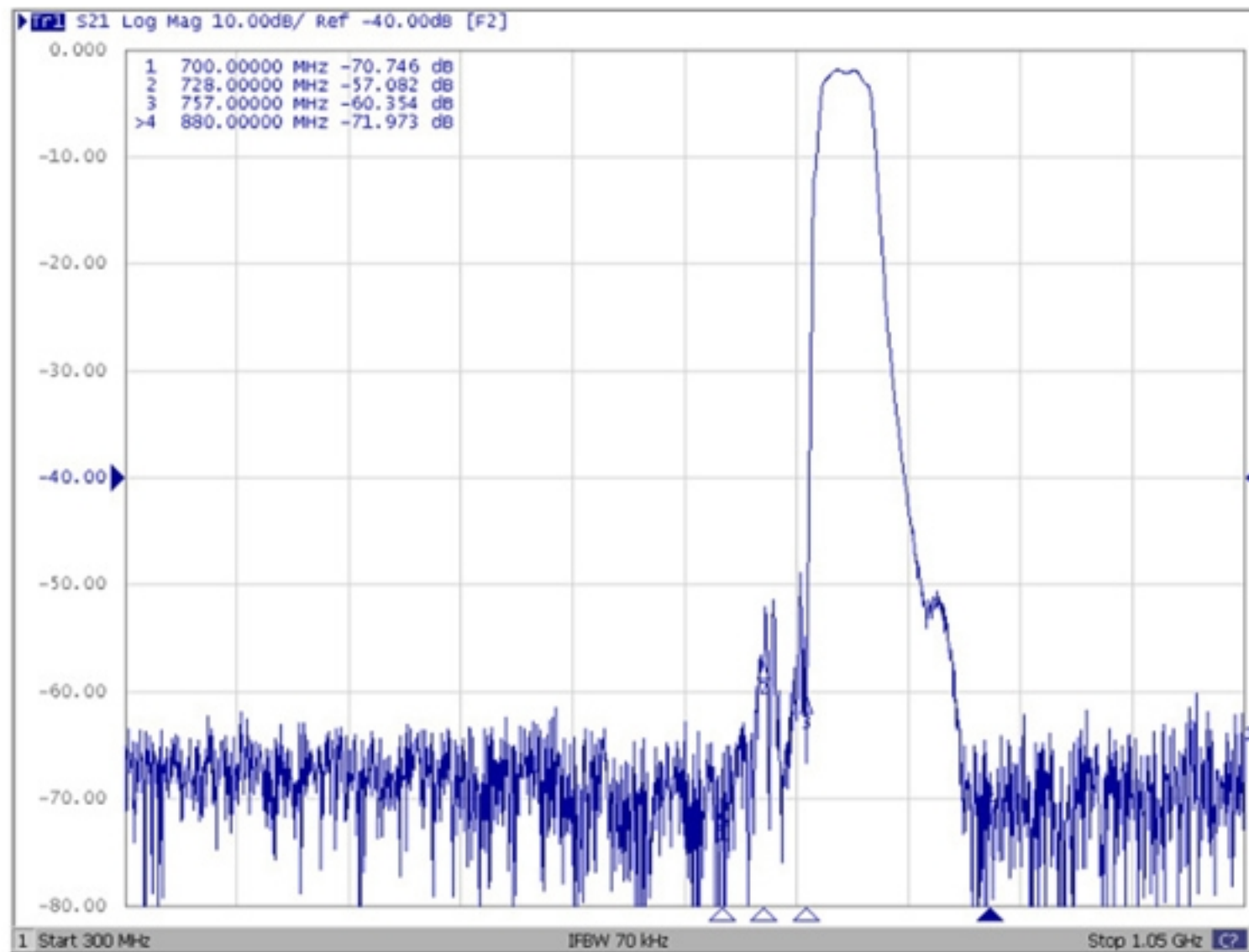
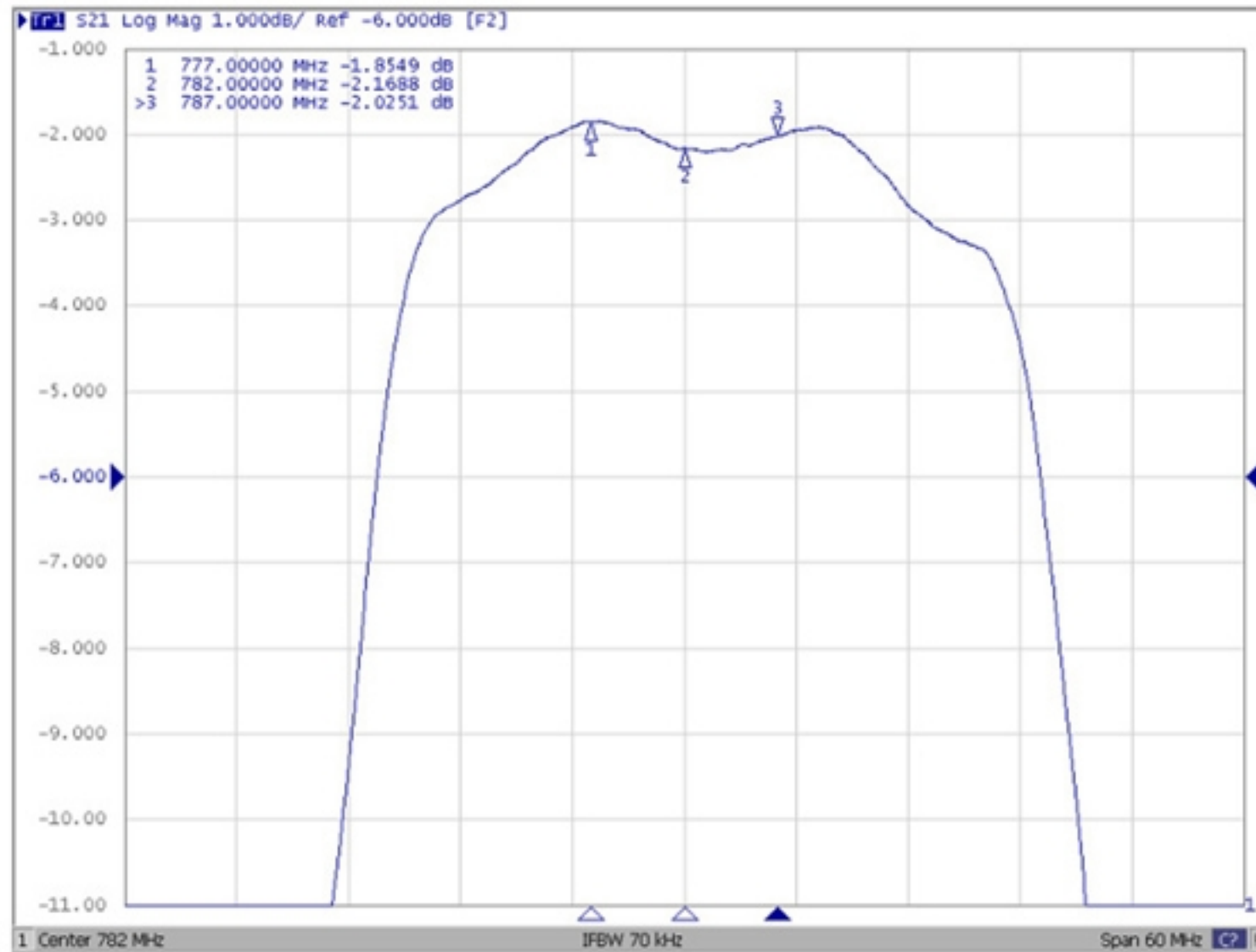
**Date Code Table:**

WK01	WK02	WK03	WK04	WK05	WK06	WK07	WK08	WK09	WK10	WK11	WK12	WK13
A	B	C	D	E	F	G	H	I	J	K	L	M
WK14	WK15	WK16	WK17	WK18	WK19	WK20	WK21	WK22	WK23	WK24	WK25	WK26
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
WK27	WK28	WK29	WK30	WK31	WK32	WK33	WK34	WK35	WK36	WK37	WK38	WK39
a	b	c	d	e	f	g	h	i	j	k	l	m
WK40	WK41	WK42	WK43	WK44	WK45	WK46	WK47	WK48	WK49	WK50	WK51	WK52
n	o	p	q	r	s	t	u	v	w	x	y	z

**E. PCB Footprint:**



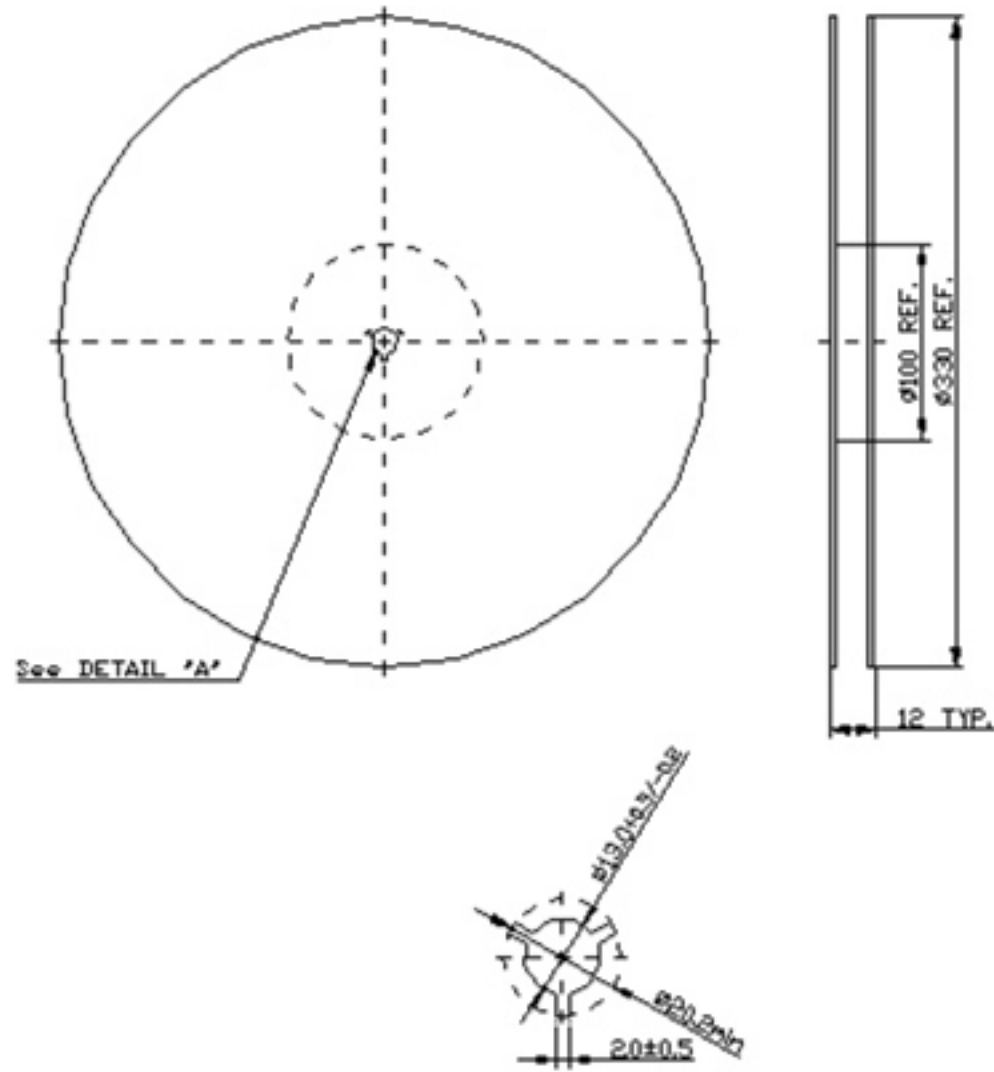
## F. Frequency Characteristics:



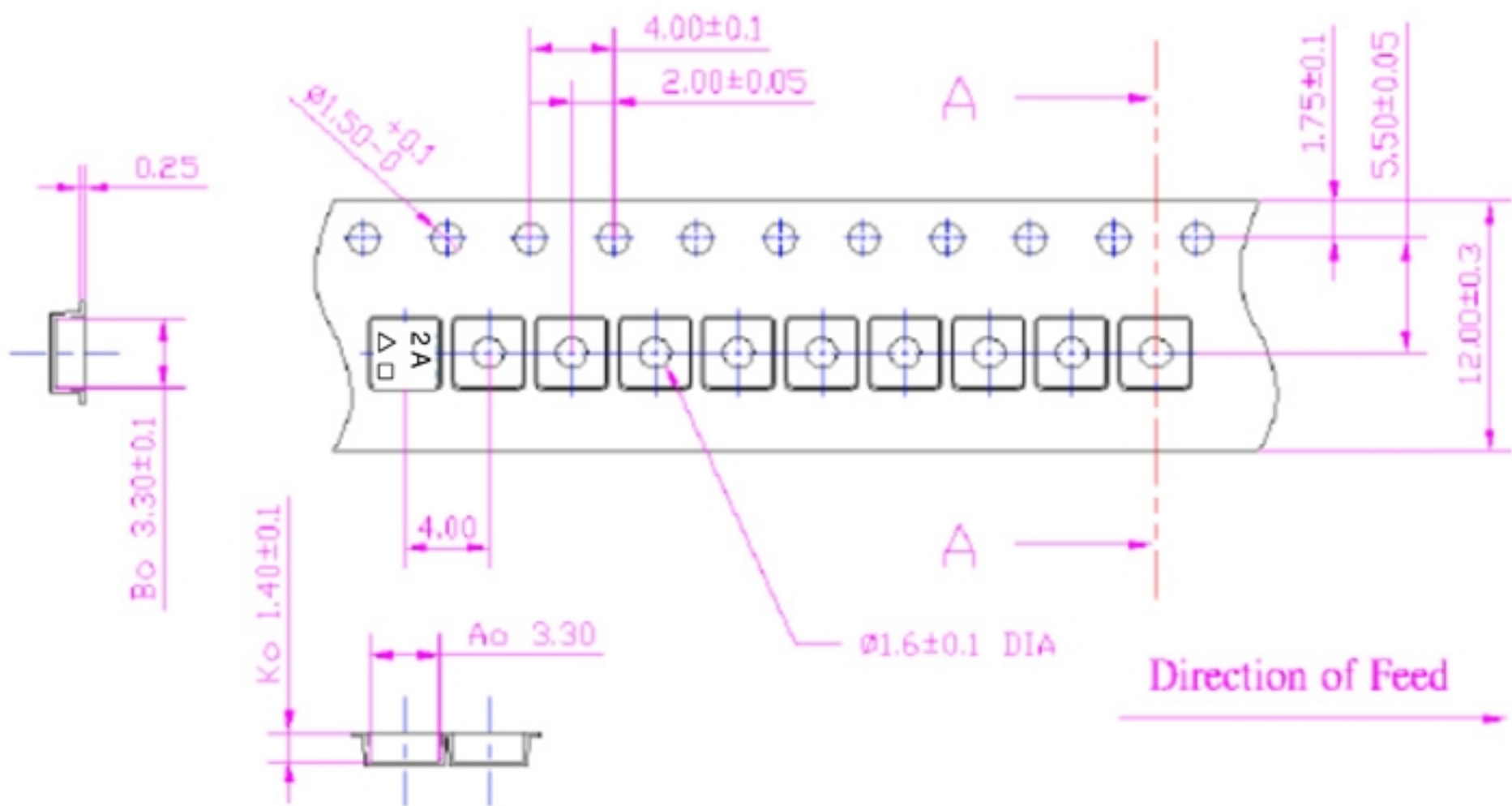
**G. PACKING:**

**1. REEL DIMENSION**

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



**2. TAPE DIMENSION**



### H. RECOMMENDED REFLOW PROFILE:

