

SAW Filter 465 MHz

MODEL NO.: TA0266A

REV. NO.:3.0

A. MAXIMUM RATING:

1. Input Power Level: 0 dB_m
2. DC voltage: 10 V
3. Operating Temperature: -10°C to +50°C
4. Storage Temperature: -40°C to +85°C
5. Moisture Sensitivity Level: Level 1 (MSL1)

RoHS Compliant
Lead free
Lead-free soldering

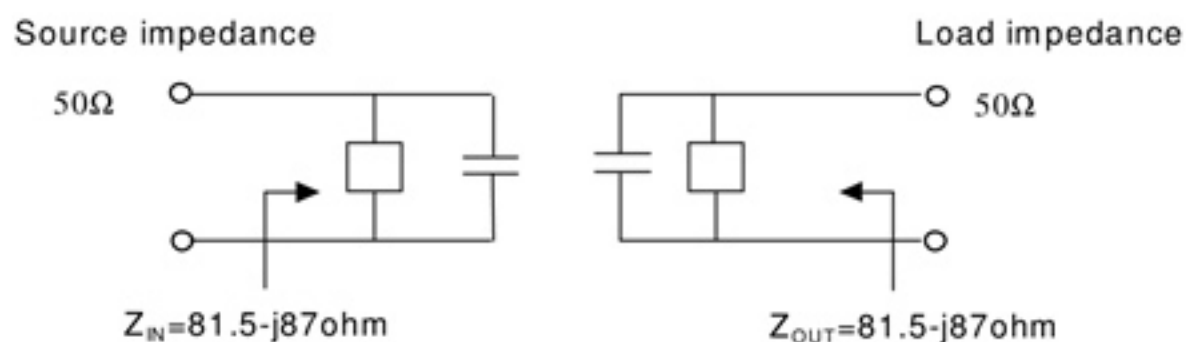
Electrostatic Sensitive Device

B. ELECTRICAL CHARACTERISTICS:

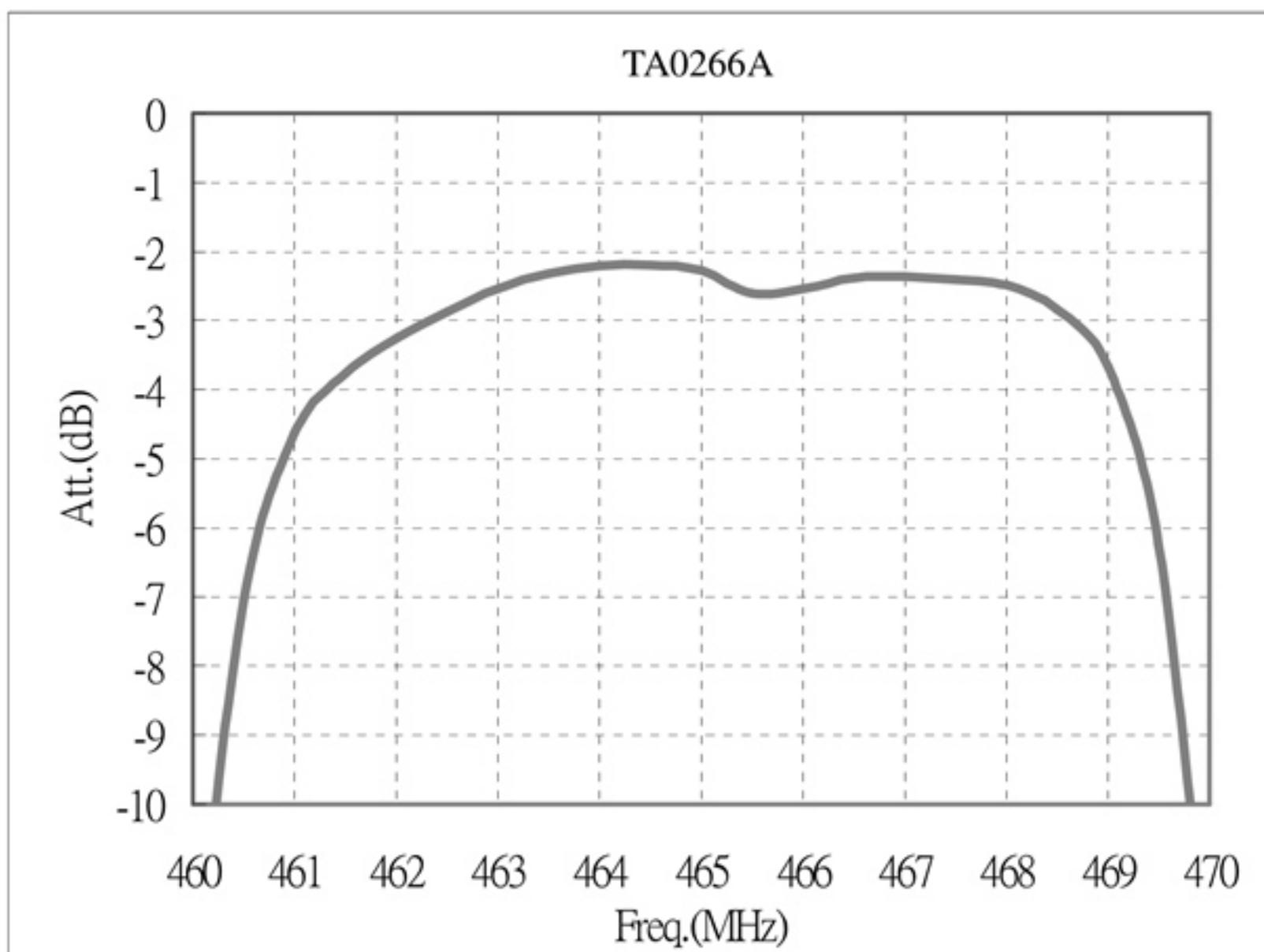
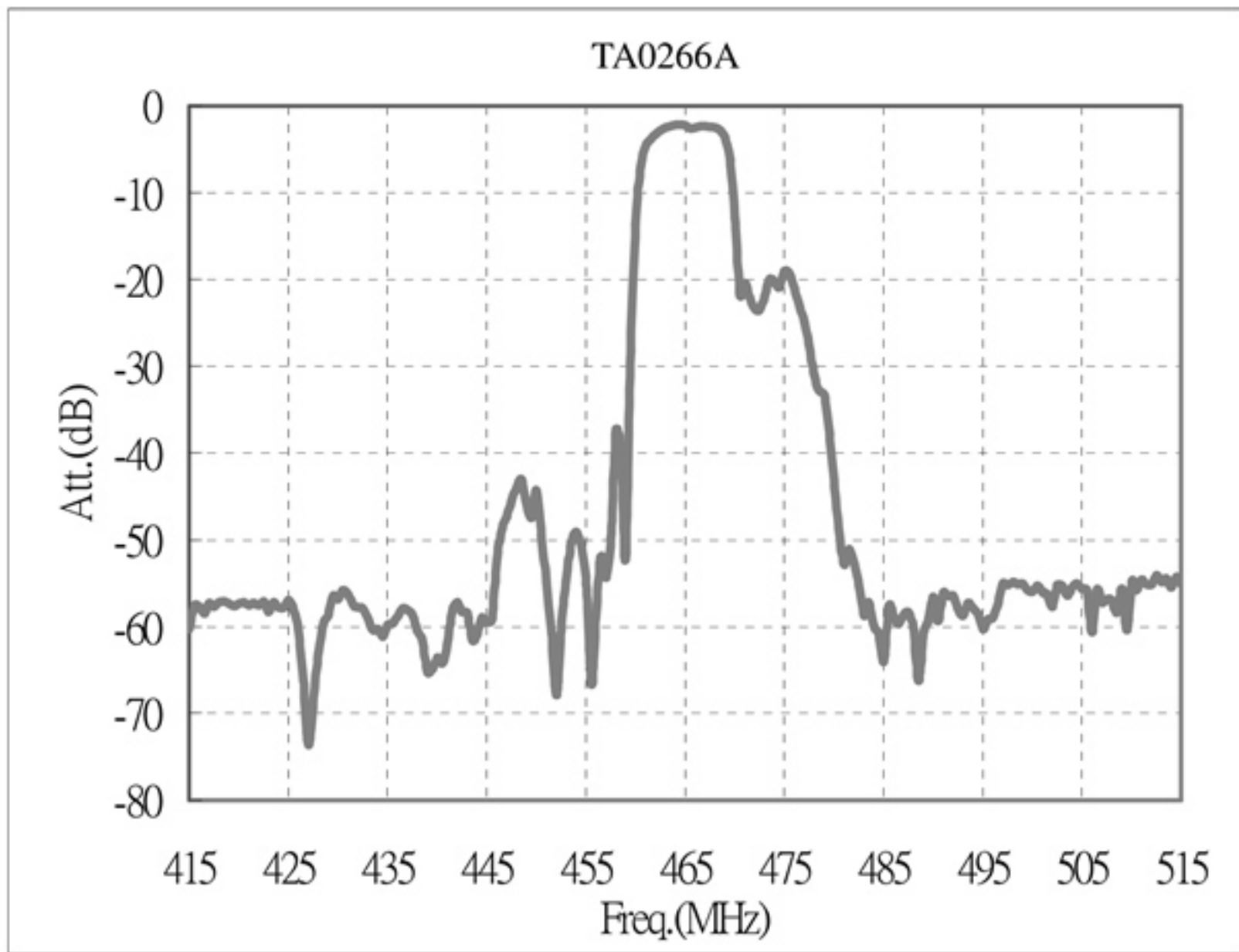
Item		Min.	Typical	Max.
Center frequency	F_c (dB)	-	465.1375	-
Insertion loss (F _C 2.5875 MHz)	IL (dB)	-	-	4.0
Amplitude ripple (F _C 2.5875 MHz)	(dB)	-	-	2.0
Attenuation (Reference level from 0 dB)				
365.1375 ~ 424.3375 MHz	(dB)	50	-	-
451.5 ~ 457.0 MHz	(dB)	15	-	-
495.1375 ~ 565.1375 MHz	(dB)	50	-	-
Source impedance	Z_s (Ω)	-	81.5-j87	-
Load impedance	Z_L (Ω)	-	81.5-j87	-

Note1. The standard definitions is in JIS C 6703

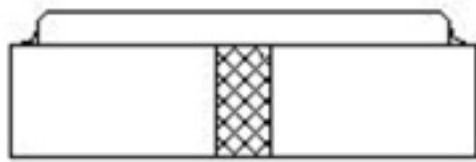
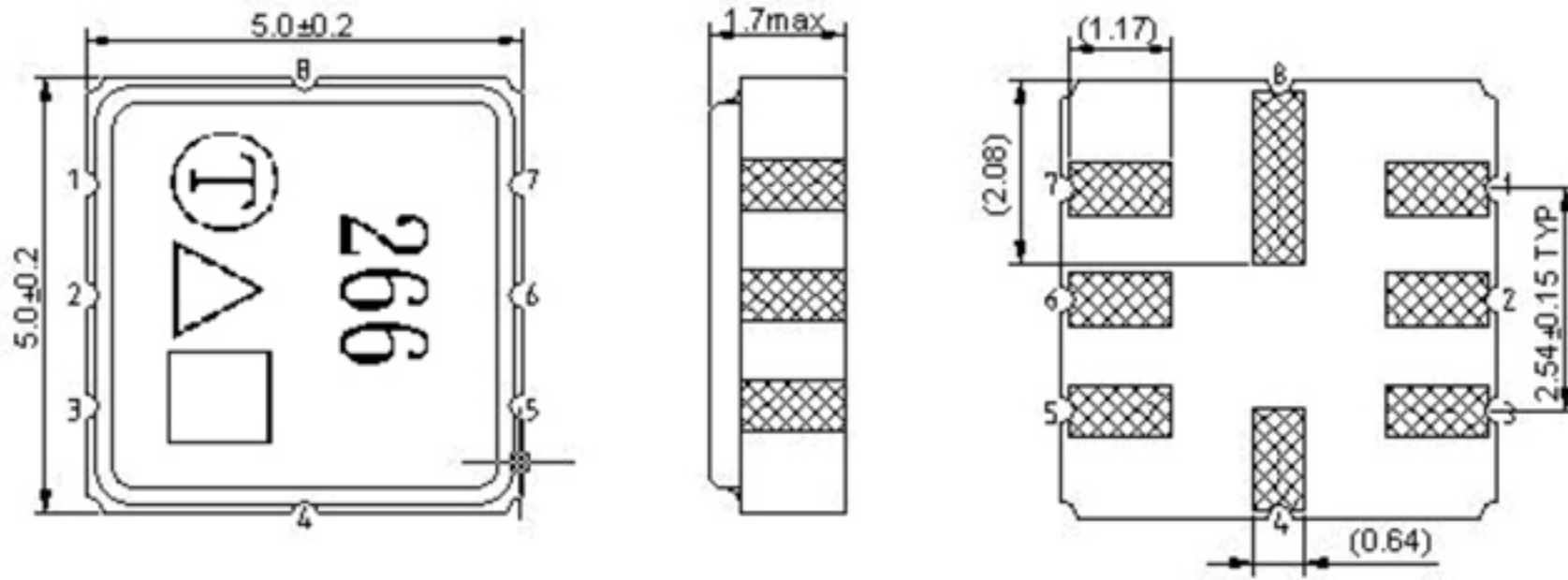
Note2.



C. Frequency Characteristics :



D.OUTLINE DRAWING:



- #2 : Input
- #6 : Output
- #1、3、4、5、7、8 : Ground
- △ : Year code
- : Date code
- Unit : mm

Product / Year Code- 4year cycle

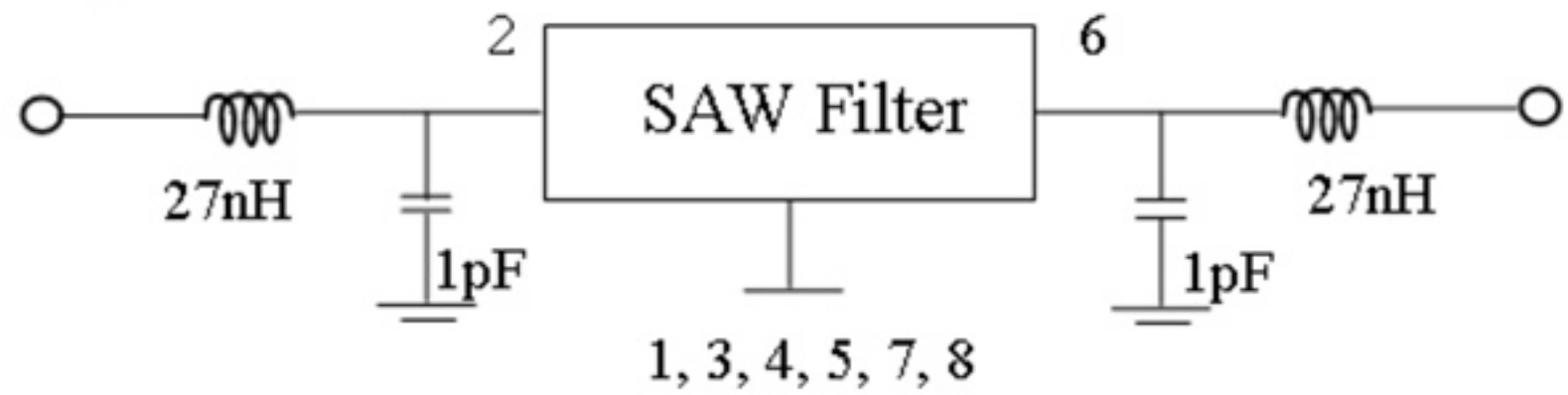
Year	2017 2021	2018 2022	2019 2023	2020 2024
Product Code	A	a	<u>A</u>	<u>a</u>

Week Code Table

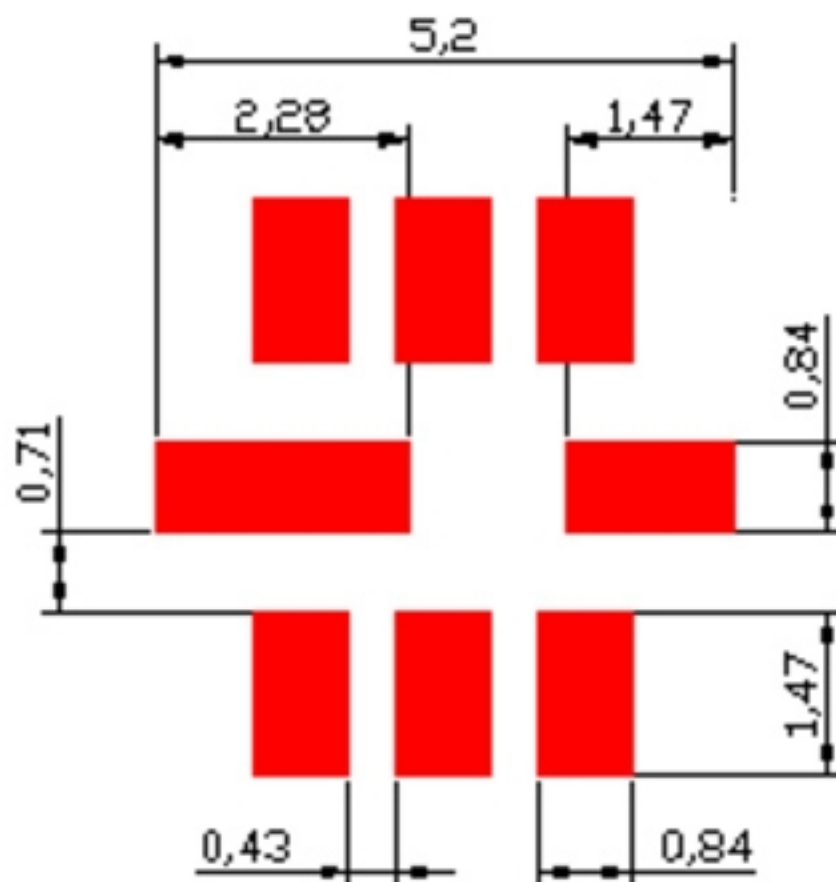
WK01	WK02	WK03	WK04	WK05	WK06	WK07	WK08	WK09	WK10	WK11	WK12	WK13
A	B	C	D	E	F	G	H	I	J	K	L	M
WK14	WK15	WK16	WK17	WK18	WK19	WK20	WK21	WK22	WK23	WK24	WK25	WK26
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
WK27	WK28	WK29	WK30	WK31	WK32	WK33	WK34	WK35	WK36	WK37	WK38	WK39
a	b	c	d	e	f	g	h	i	j	k	l	m
WK40	WK41	WK42	WK43	WK44	WK45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

E. MEASUREMENT CIRCUIT:

HP Network analyzer

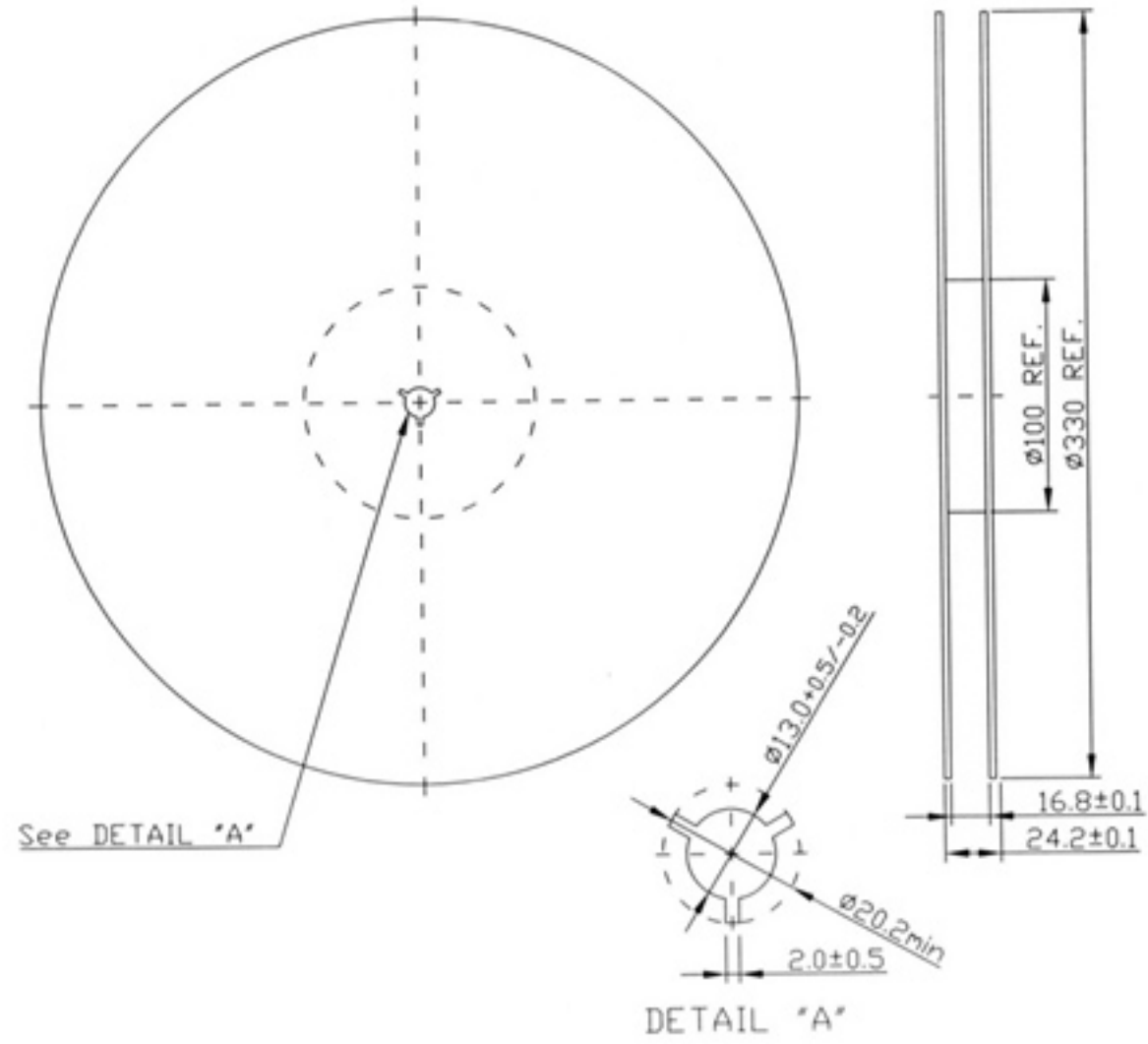


F. PCB FOOTPRINT:

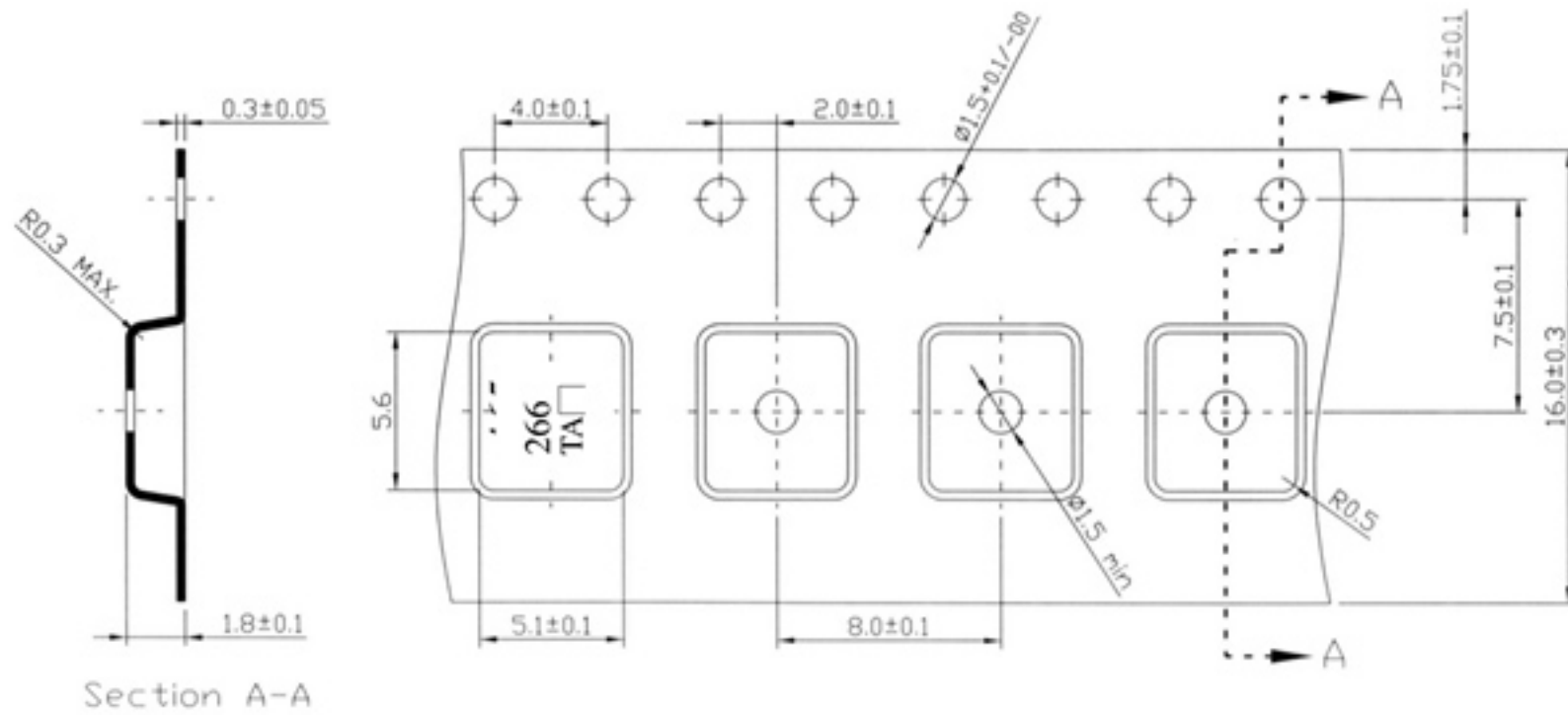


G. PACKING:

1. REEL DIMENSION (Please refer to FR-75D10 for packing quantity)



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE:

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

