

## SAW Filter 1237 MHz

MODEL NO.:TA0836A

REV. NO.:2

### A. MAXIMUM RATING:

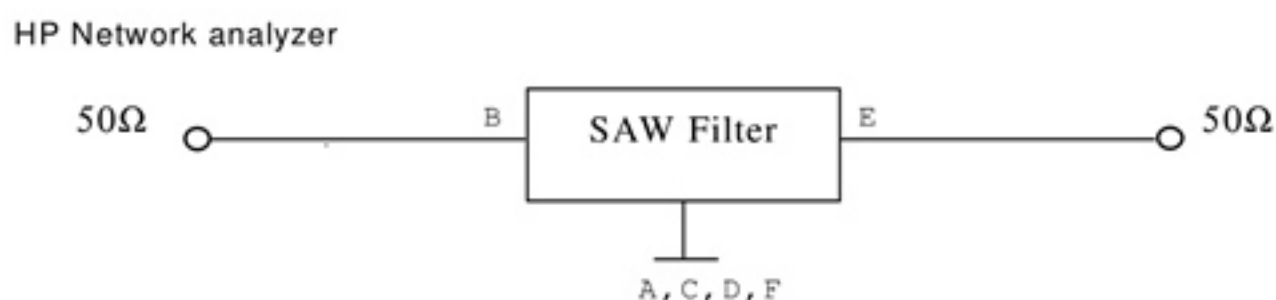
1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -50 °C to +60 °C
4. Storage Temperature: -50 °C to +85 °C
5. Moisture Sensitivity Level: Level 1 (**MSL 1**)

RoHS Compliant  
Lead free  
Lead-free soldering

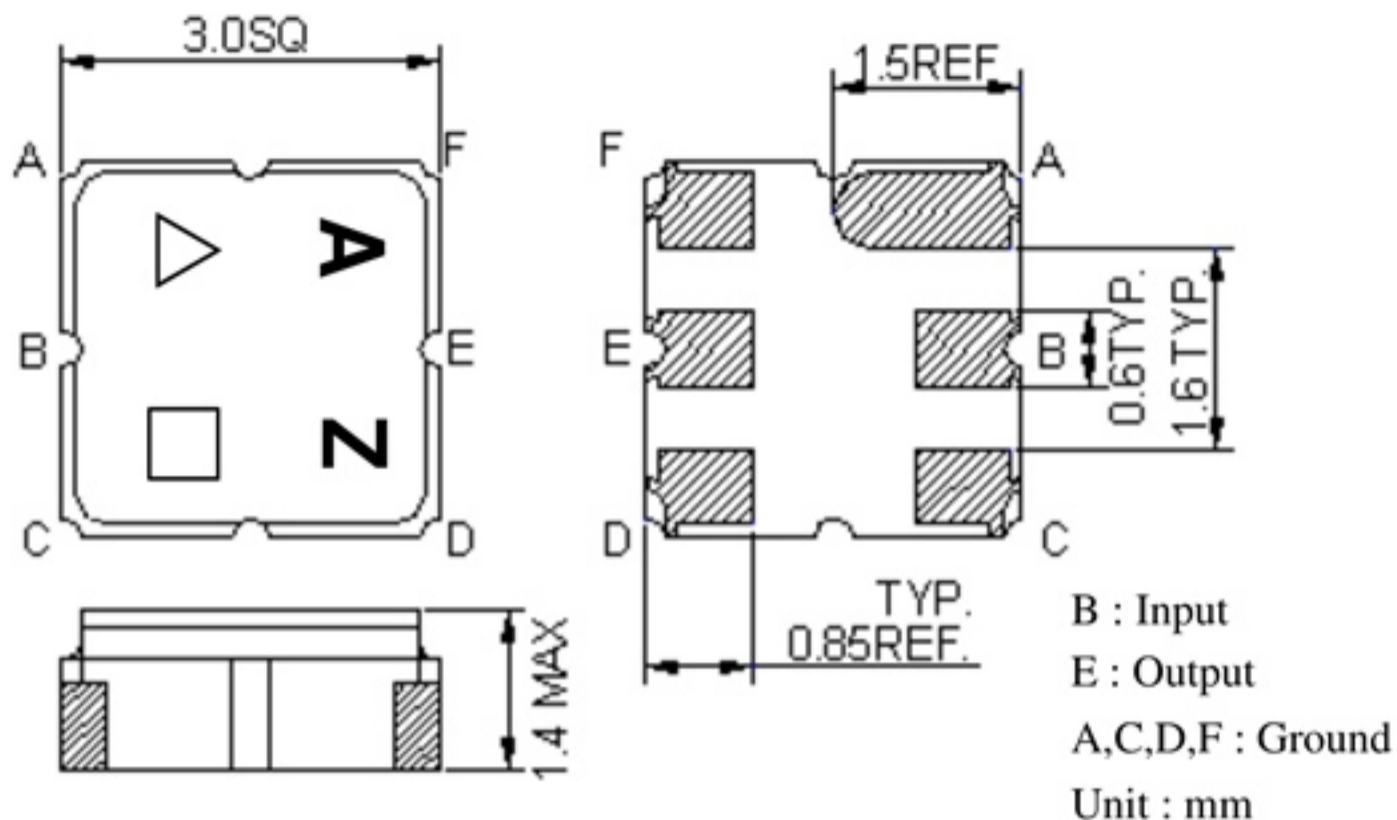
### B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note	
Center Frequency	Fc	MHz	-	1237	-	
Min. Insertion loss	IL	dB	-	2.4	3	
Bandwidth @ -1 dB		MHz	-	46	-	
Bandwidth @ -1.5 dB		MHz	40	51	-	
<b>Attenuation</b> (Reference level from 0 dB)						
Fc - 60	MHz	dB	30	60	-	
Fc - 50	MHz	dB	20	50	-	
Fc + 50	MHz	dB	20	30	-	
Fc + 60	MHz	dB	30	38	-	
Temperature Coefficient of Frequency	Ppm/°C	-	-36	-	-	

### C. MEASUREMENT CIRCUIT:



**D. OUTLINE DRAWING:**



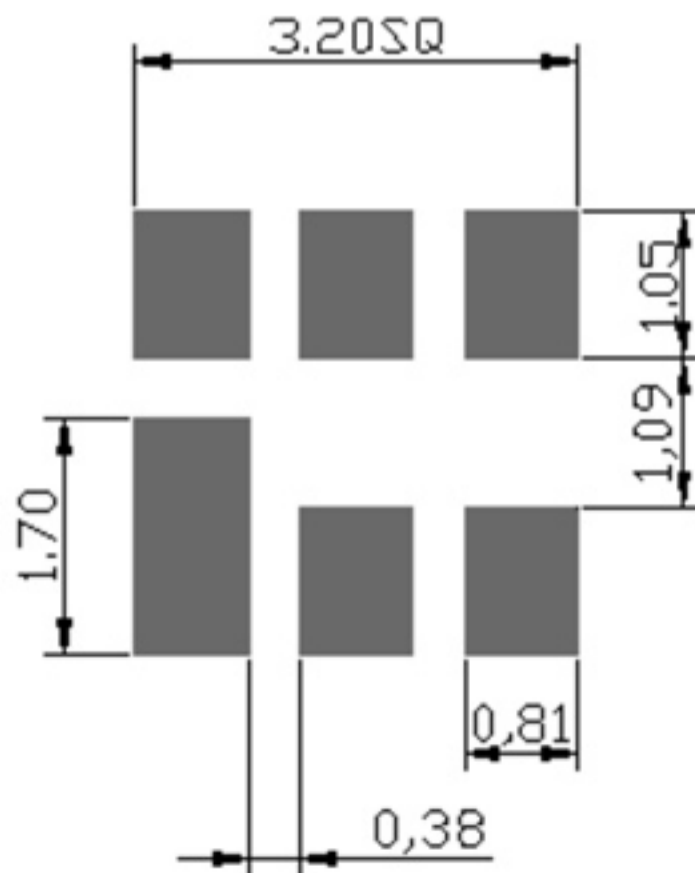
△ : Year Code (2016->6, ..., 2019->9)

□ : Date Code (Follow the table from planner each year)

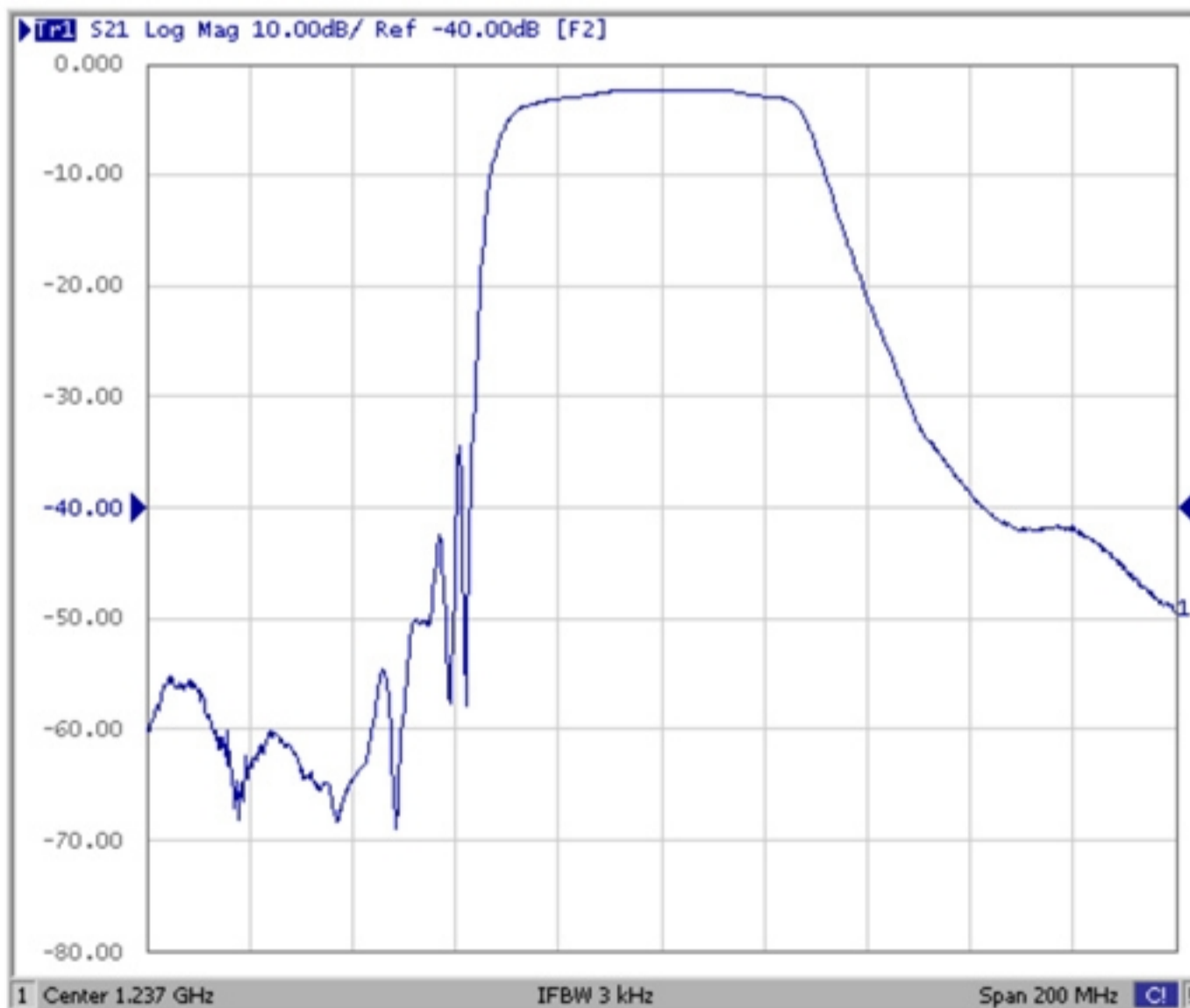
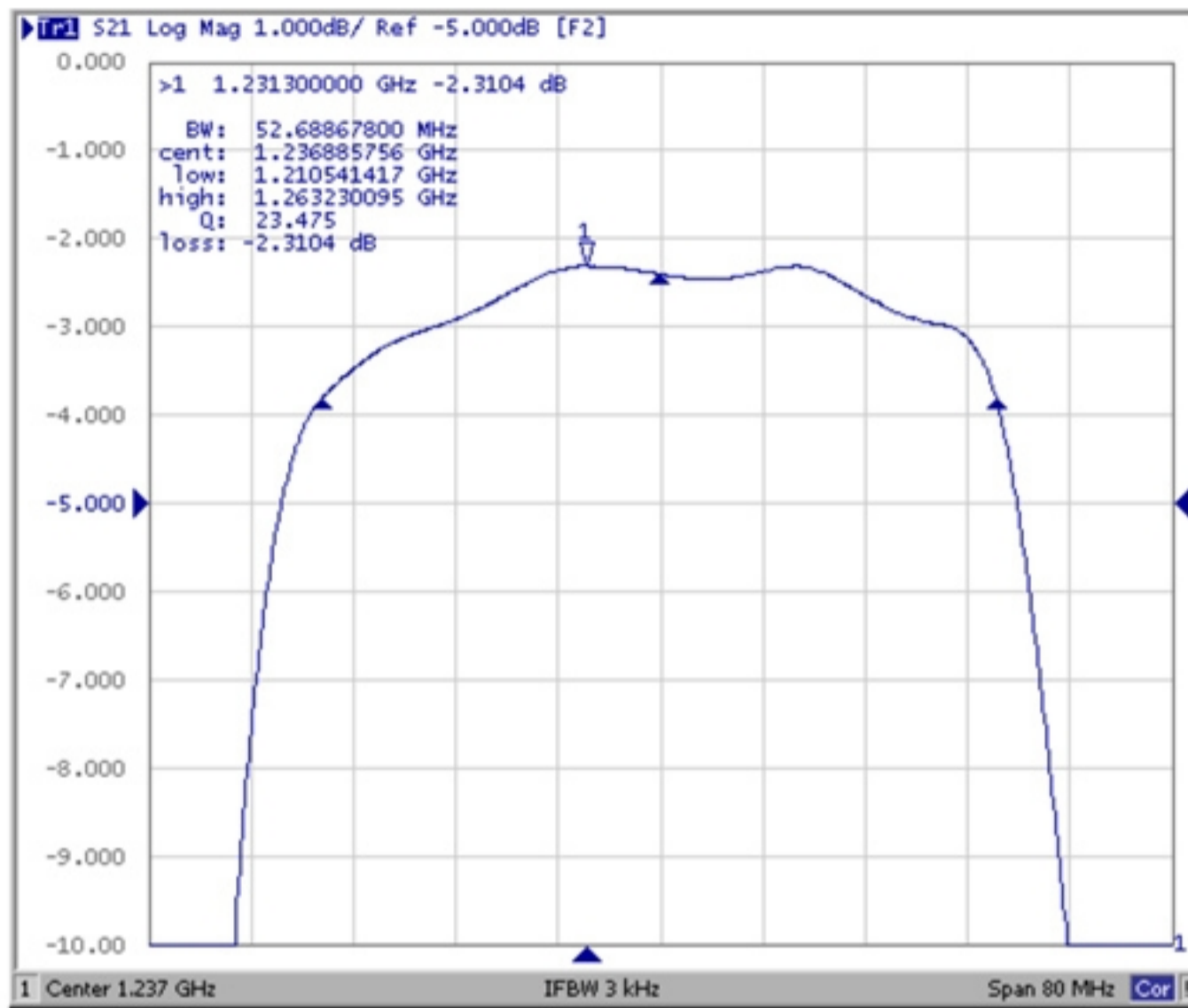
**Date Code Table:**

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:**



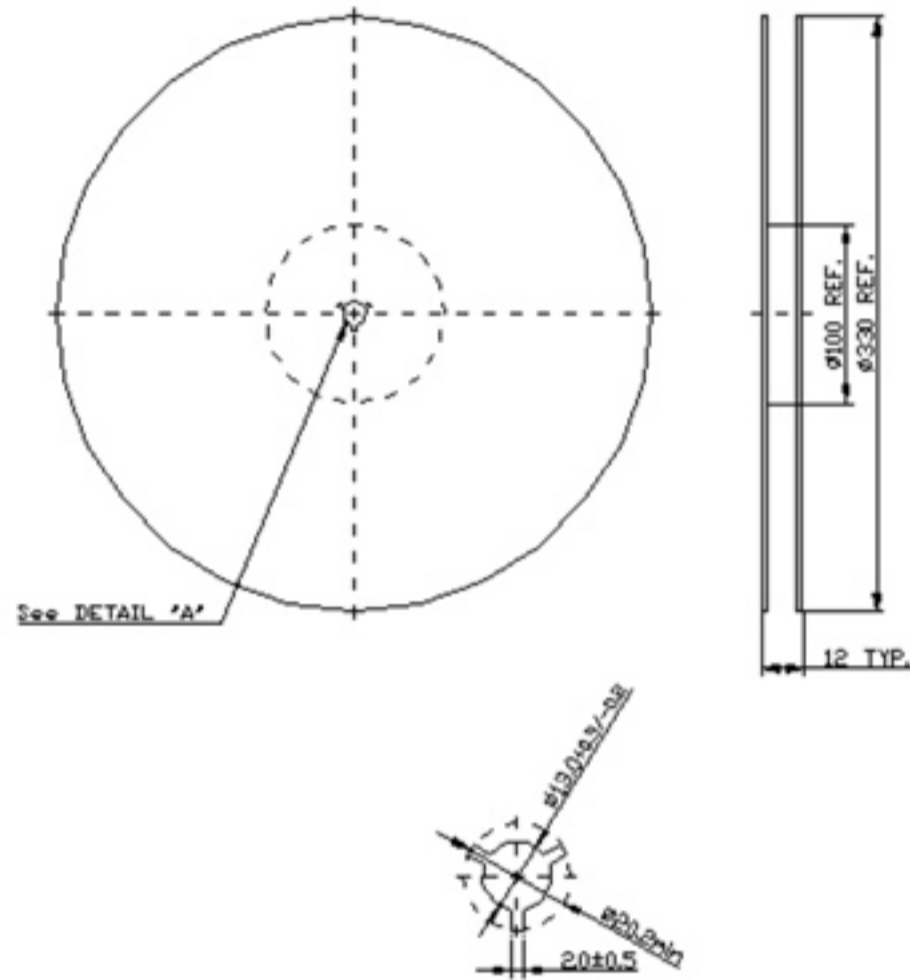
## F. FREQUENCY CHARACTERISTICS :



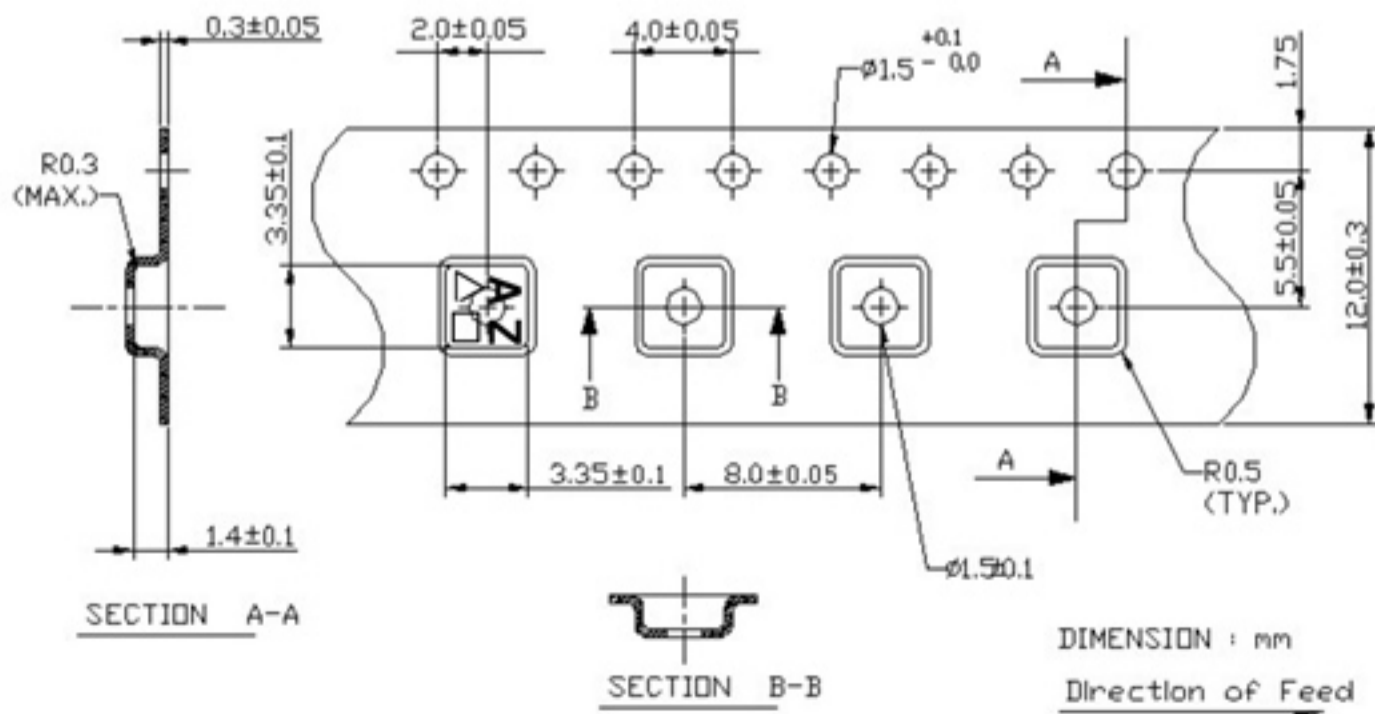
**G. PACKING:**

1. REEL DIMENSION (Reel Count : 7"=1000 ; 13"=3000 )

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



2.TAPE DIMENSION



**H. RECOMMENDED REFLOW PROFILE :**

