

SAW Filter 440 MHz

MODEL NO.:TA1761A

REV. NO.:2

A. MAXIMUM RATING:

1. Input Power Level: 20 dBm
2. DC Voltage : 7.5 V
3. Operating Temperature: -10°C to +60°C
4. Storage Temperature: -20°C to +70°C
5. Moisture Sensitivity Level: Level 1(**MSL1**)

RoHS Compliant
Lead free
Lead-free soldering

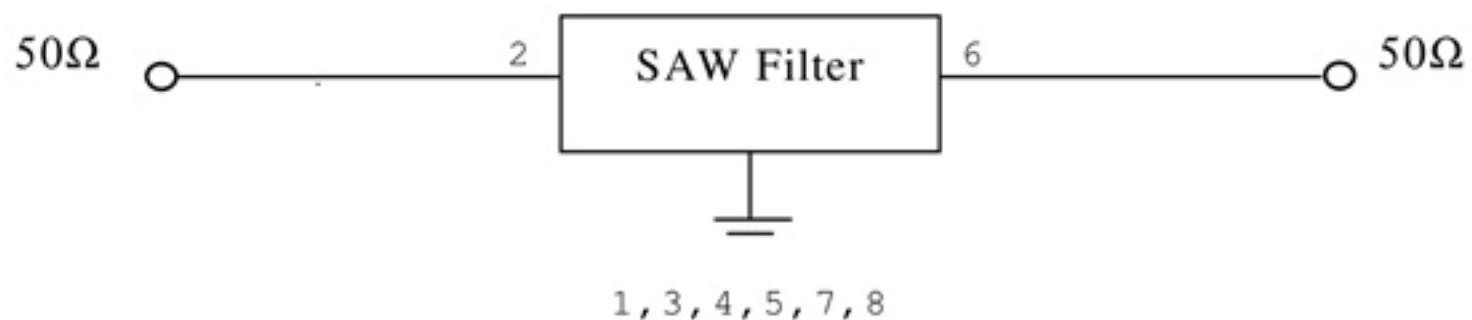
Electrostatic Sensitive Device (**ESD**)

B. ELECTRICAL CHARACTERISTICS:

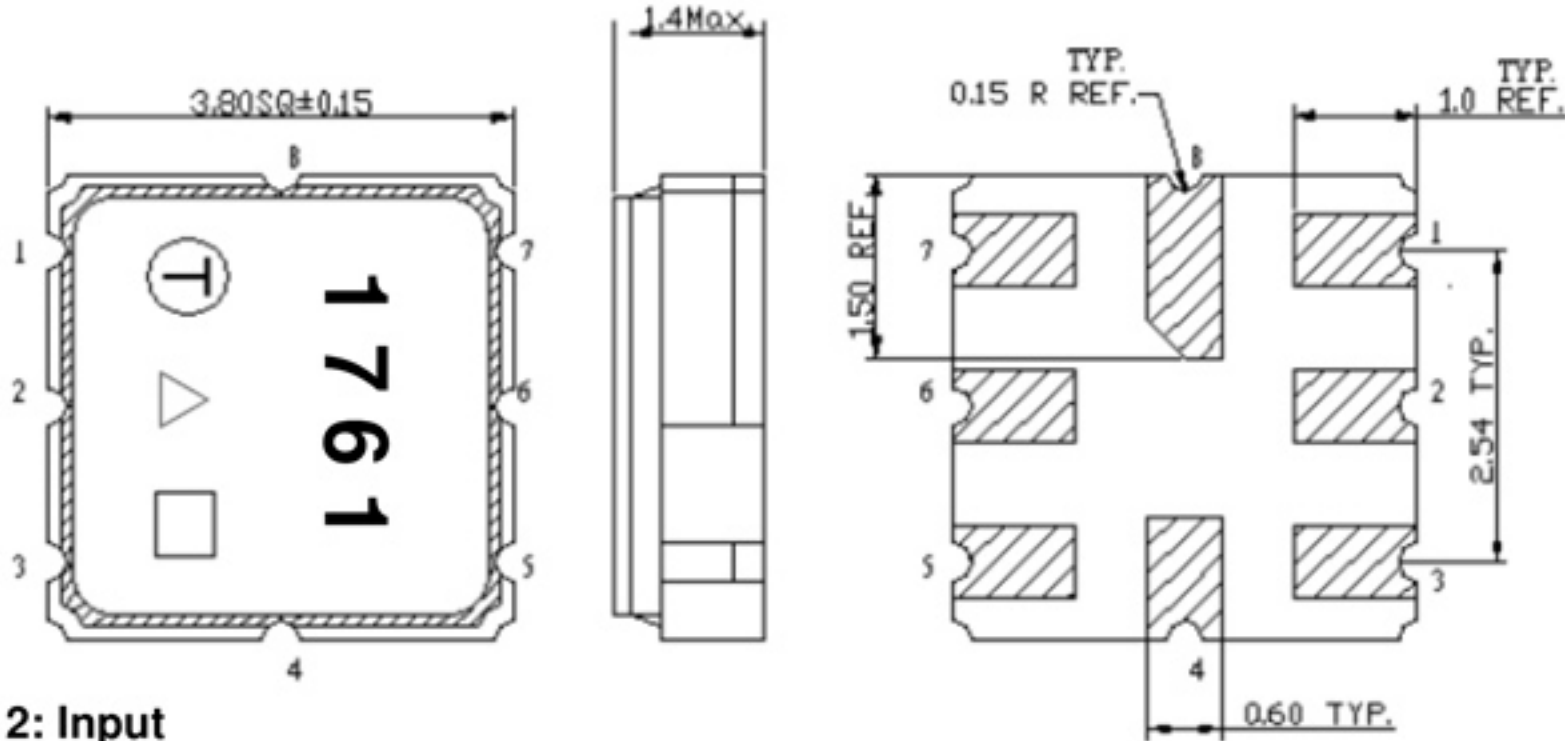
Item		Unit	Min.	Typ.	Max.
Center frequency	Fc	MHz	-	440	-
Insertion Loss (439.5~440.5 MHz)	IL	dB	-	1.7	2.3
Amplitude Ripple (439.5~440.5 MHz)		dB	-	0.1	1.5
Attenuation (Reference level from 0 dB)					
418.05~419.15	MHz	dB	45	58	-
460.85~461.95	MHz	dB	35	44	-
Temperature Coefficient of Frequency		ppm/°C	-	-36	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



D. OUTLINE DRAWING:



2: Input

6: Output

1, 3, 4, 5, 7, 8: Ground

△ : Year Code

□ : Date Code

Unit: mm

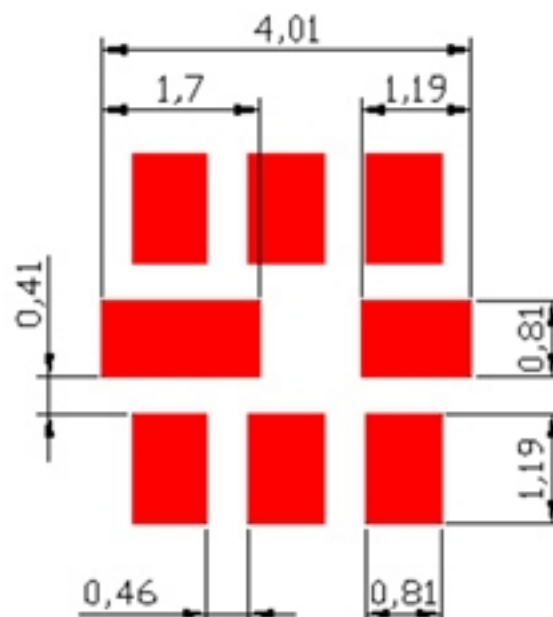
△ Product Year Code

Year	2011	2012
	2013	2014
	2015	2016
	2017	2018
	Product Code	A

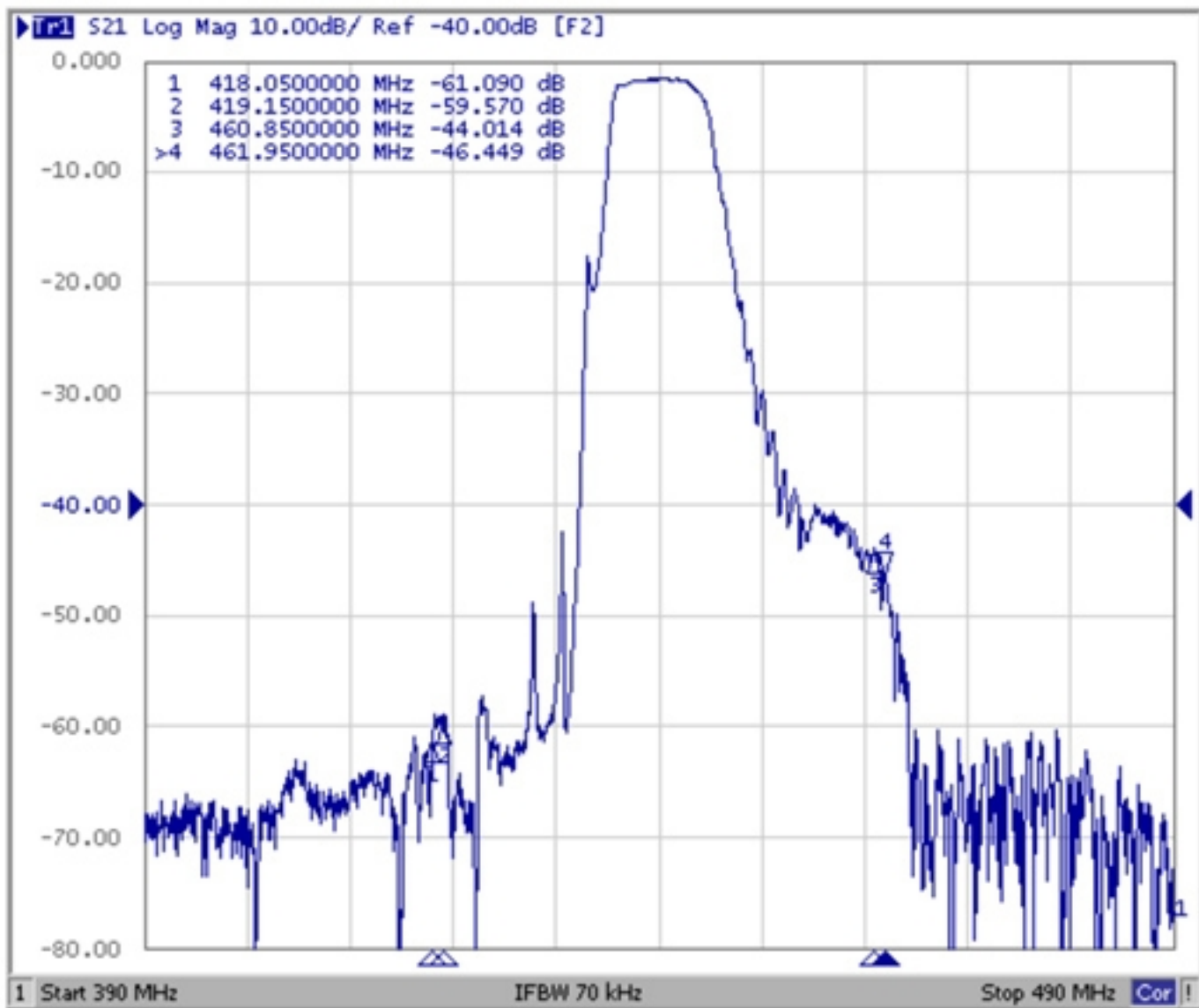
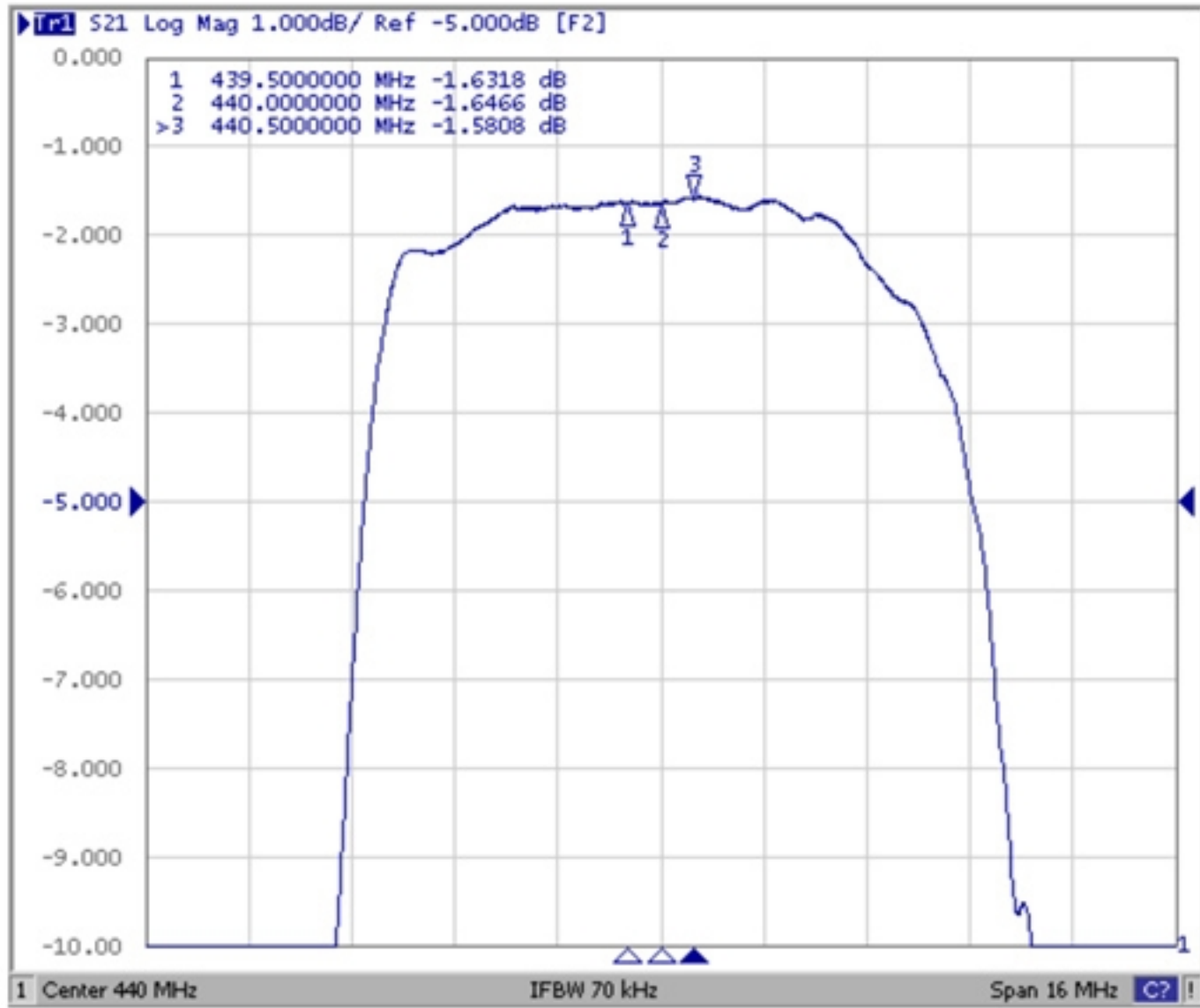
Date Code Table:

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:



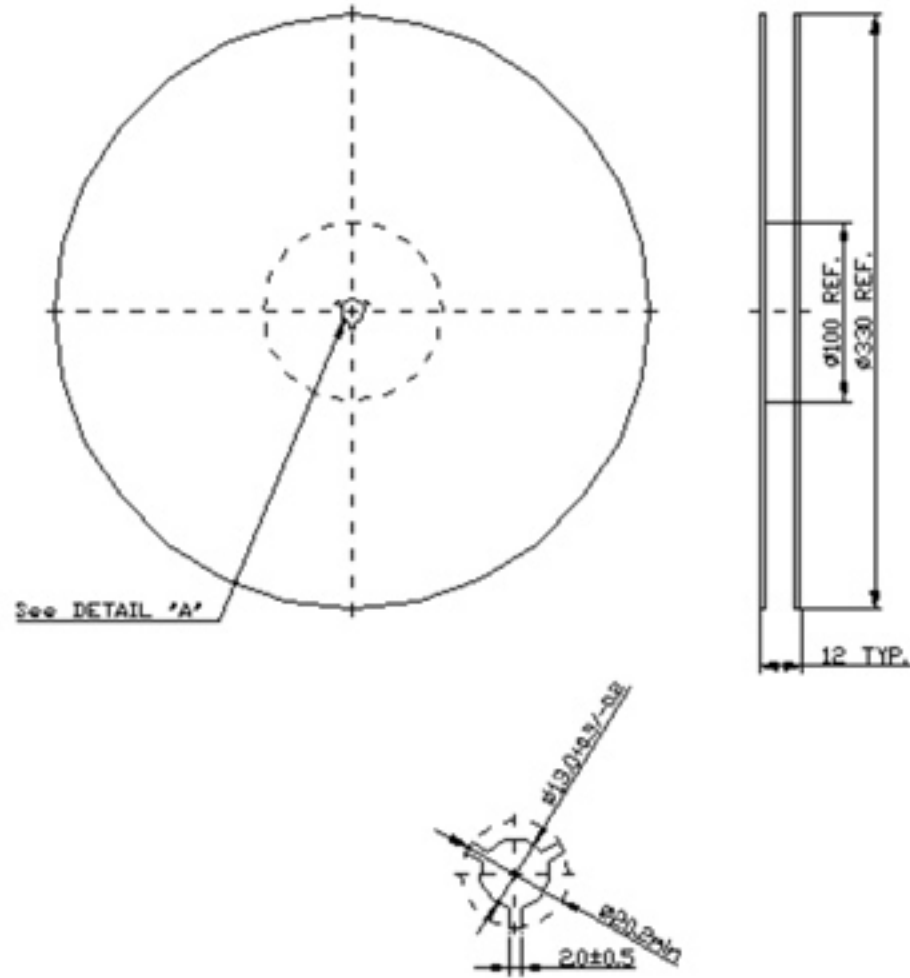
F. Frequency Characteristics:



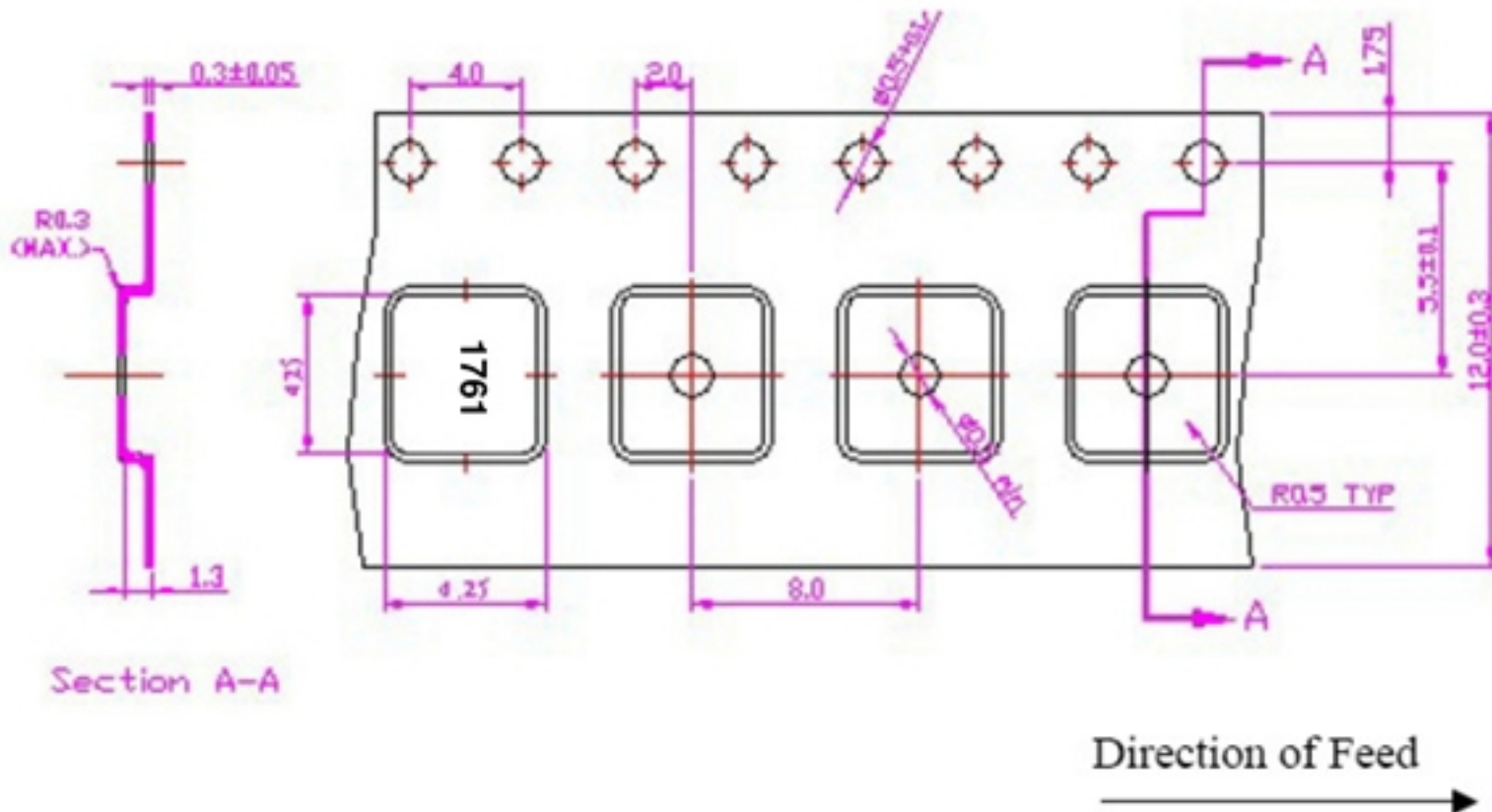
G. PACKING: (Ref. WI-75M03)

1. REEL DIMENSION

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



2. TAPE DIMENSION



H. Recommended Reflow Profile:

- 1. Preheating shall be fixed at 150~180°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°C+0/-5°C peak (20~40sec).
- 4. Time: 2 times.

