

SAW Filter 1191.8 MHz

MODEL NO.:TA2388A

REV. NO.:1

A. MAXIMUM RATING:

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

RoHS Compliant
Lead free
Lead-free soldering

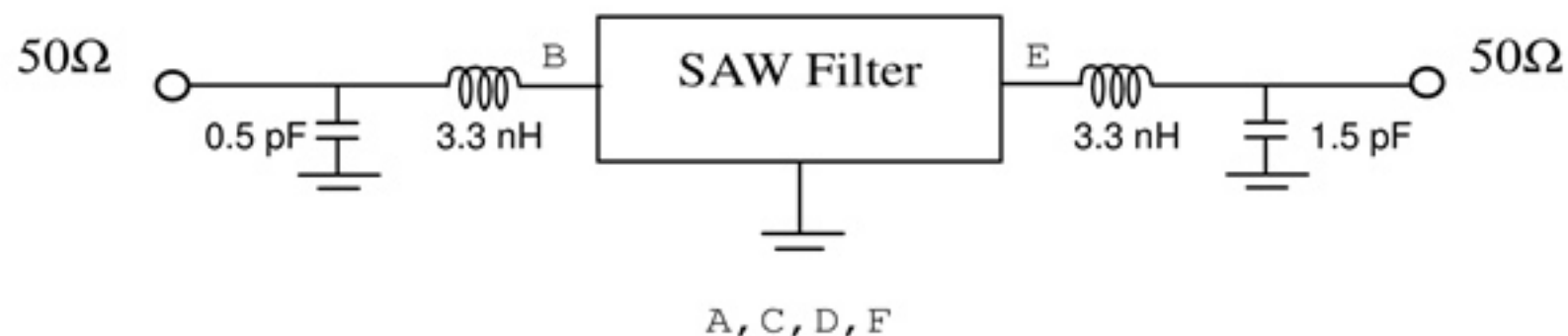
Electrostatic Sensitive Device (ESD)

B. ELECTRICAL CHARACTERISTICS:

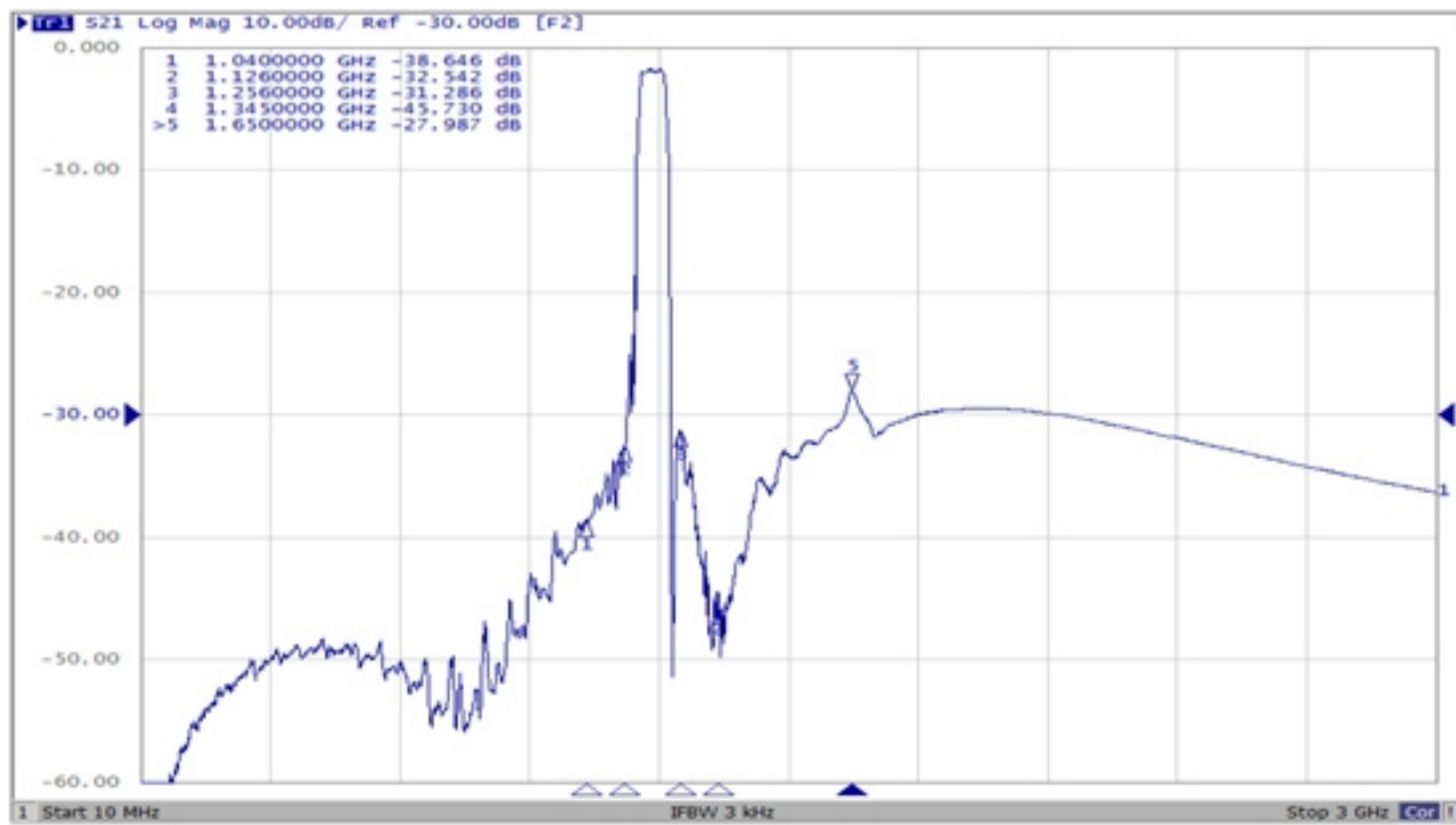
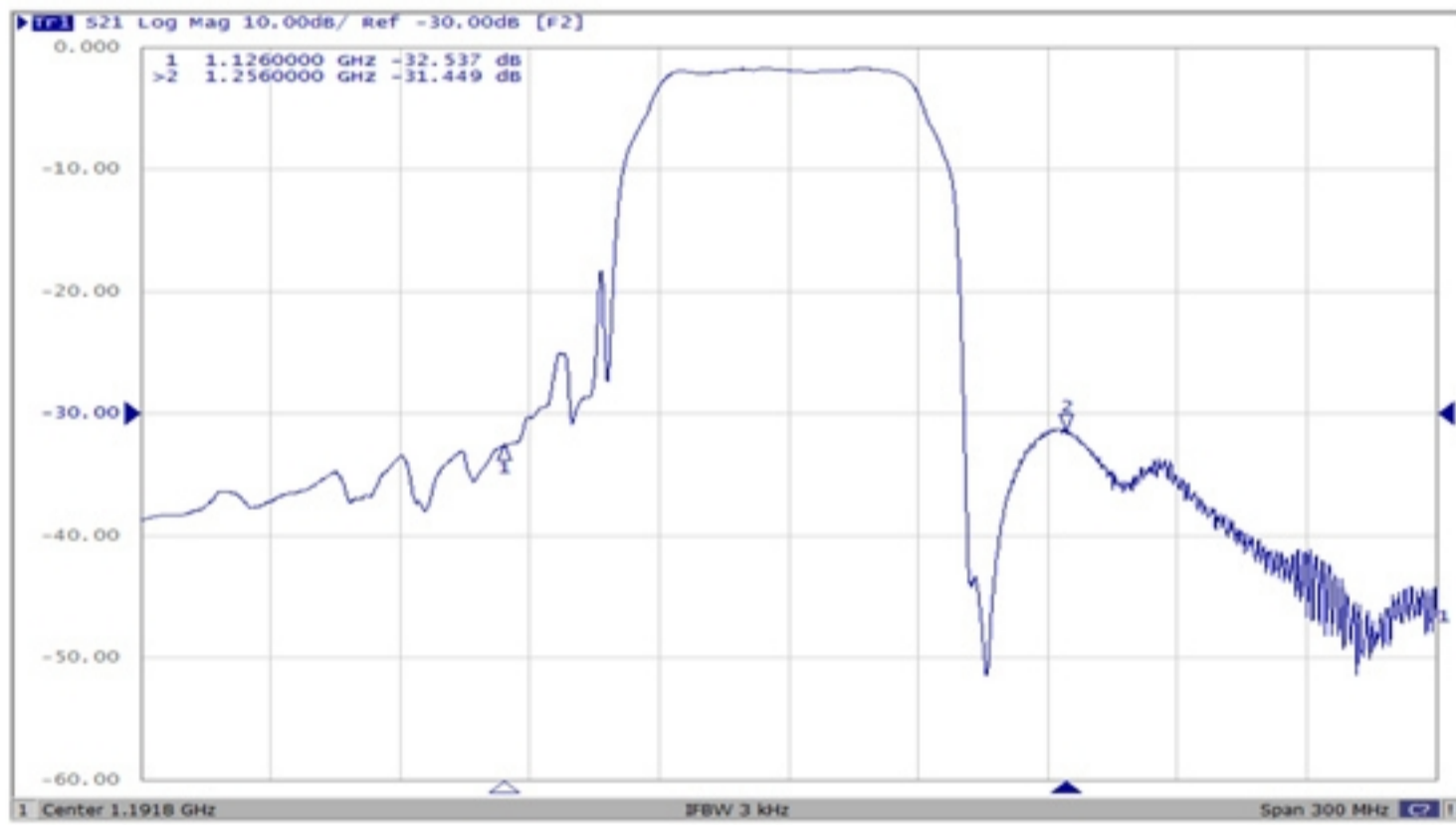
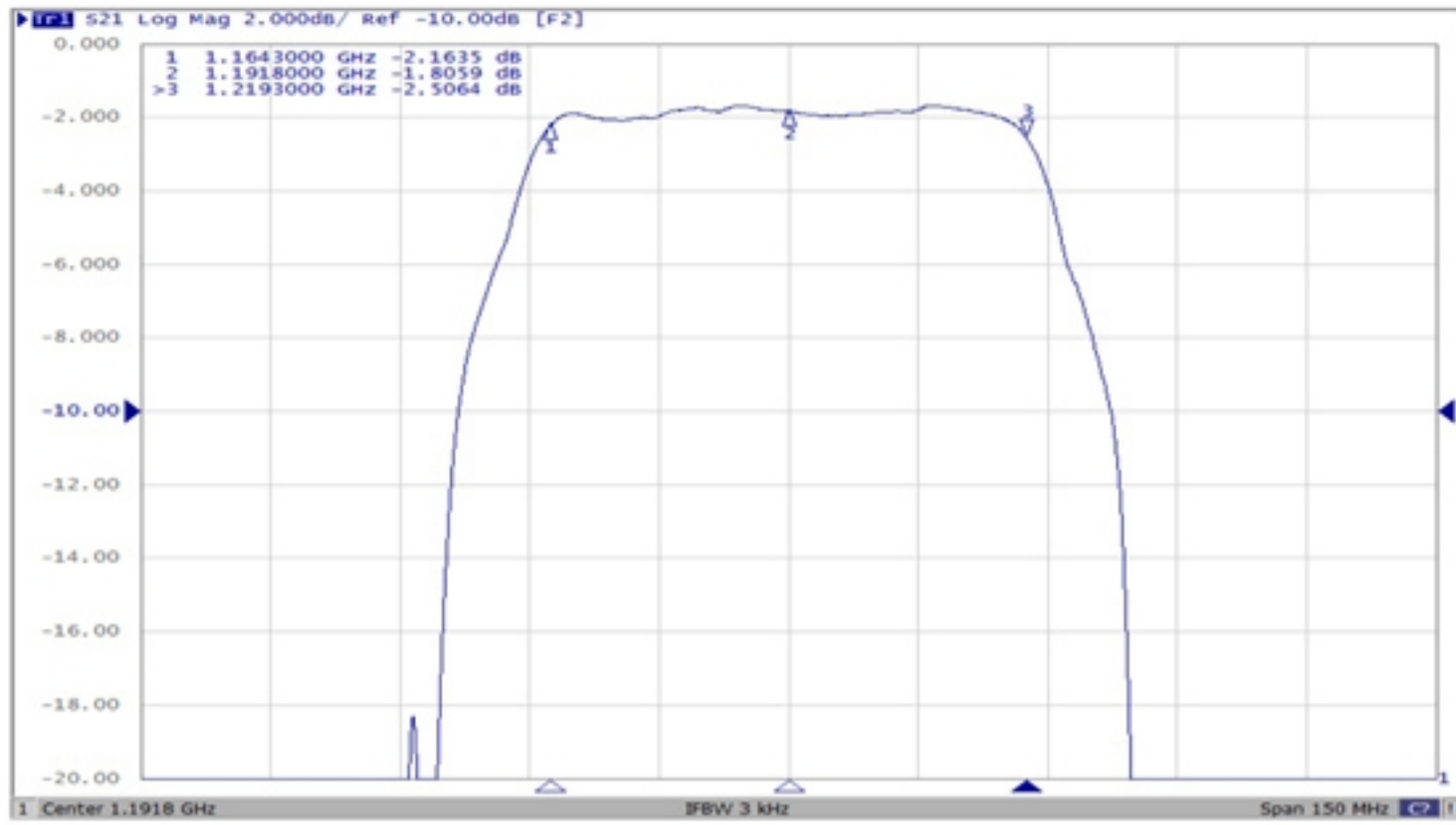
Item	Unit	Min.	Typical	Max.	
Center frequency Fc	MHz	-	1191.8	-	
Insertion loss (1164.3~1219.3 MHz) IL	dB	-	2.5	4.6	
Amplitude Ripple (1169.8~1213.8 MHz)	dB	-	0.4	1.2	
Group delay ripple (1164.3~1219.3 MHz)	ns	-	18	50	
Attenuation (Reference level from 0 dB)					
10 ~ 1040 MHz	dB	35	38	-	
1040 ~ 1126 MHz	dB	20	32	-	
1256 ~ 1345 MHz	dB	20	31	-	
1345 ~ 1650 MHz	dB	24	27	-	
1650 ~ 3000 MHz	dB	24	27	-	
Temperature coefficient of frequency	ppm/k	-	-36	-	

C. MEASUREMENT CIRCUIT:

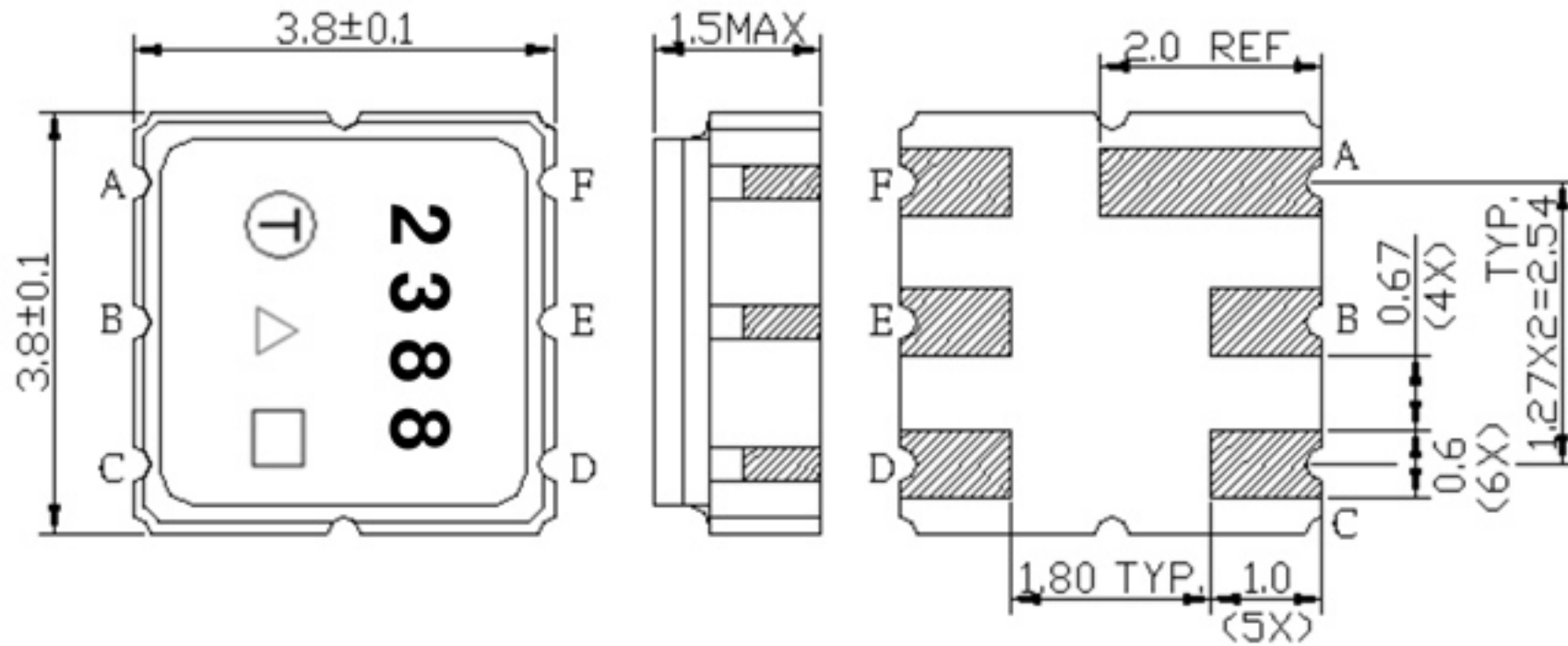
HP Network analyzer



D. Frequency Characteristics:



E. OUTLINE DRAWING:



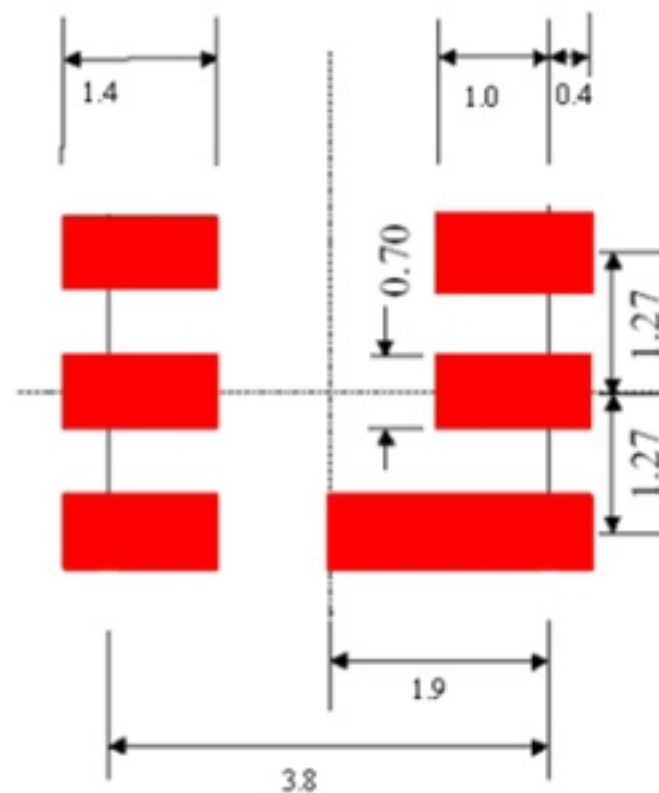
Product Year Code

Year	2009	2010	2011	2012
	2013	2014	2015	2016
	2017	2018	2019	2020
Product Code	A	a	A	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

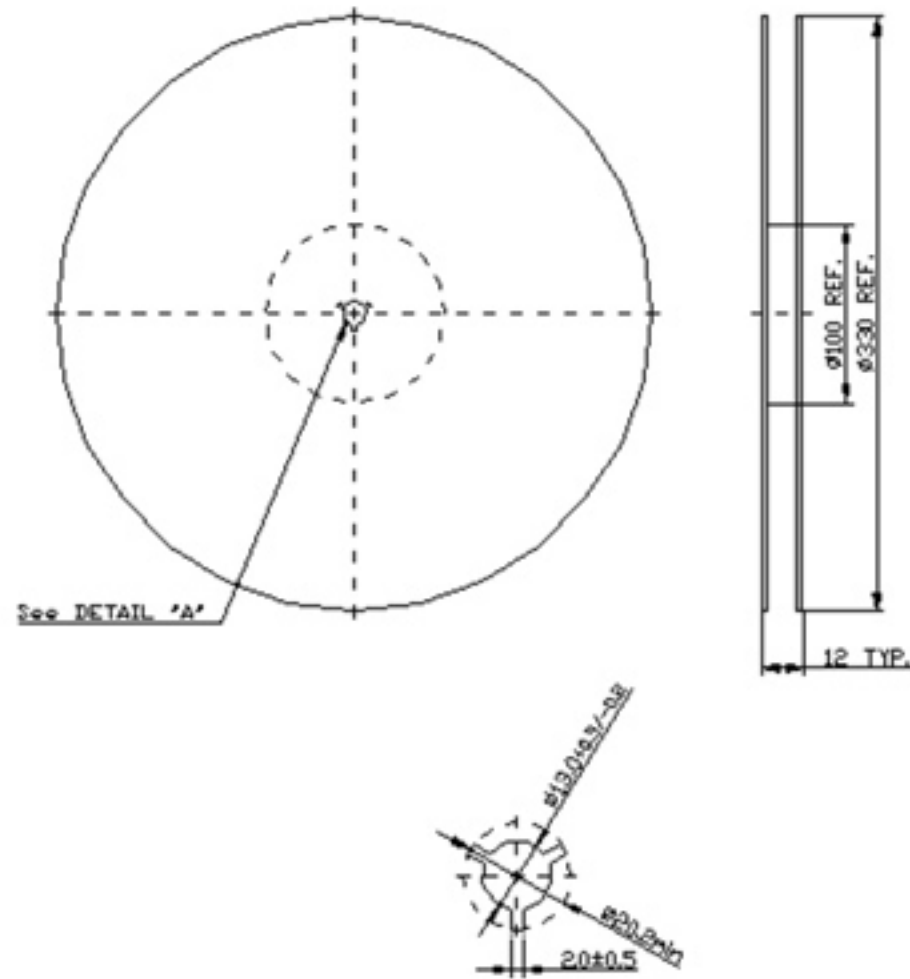
F. PCB Footprint:



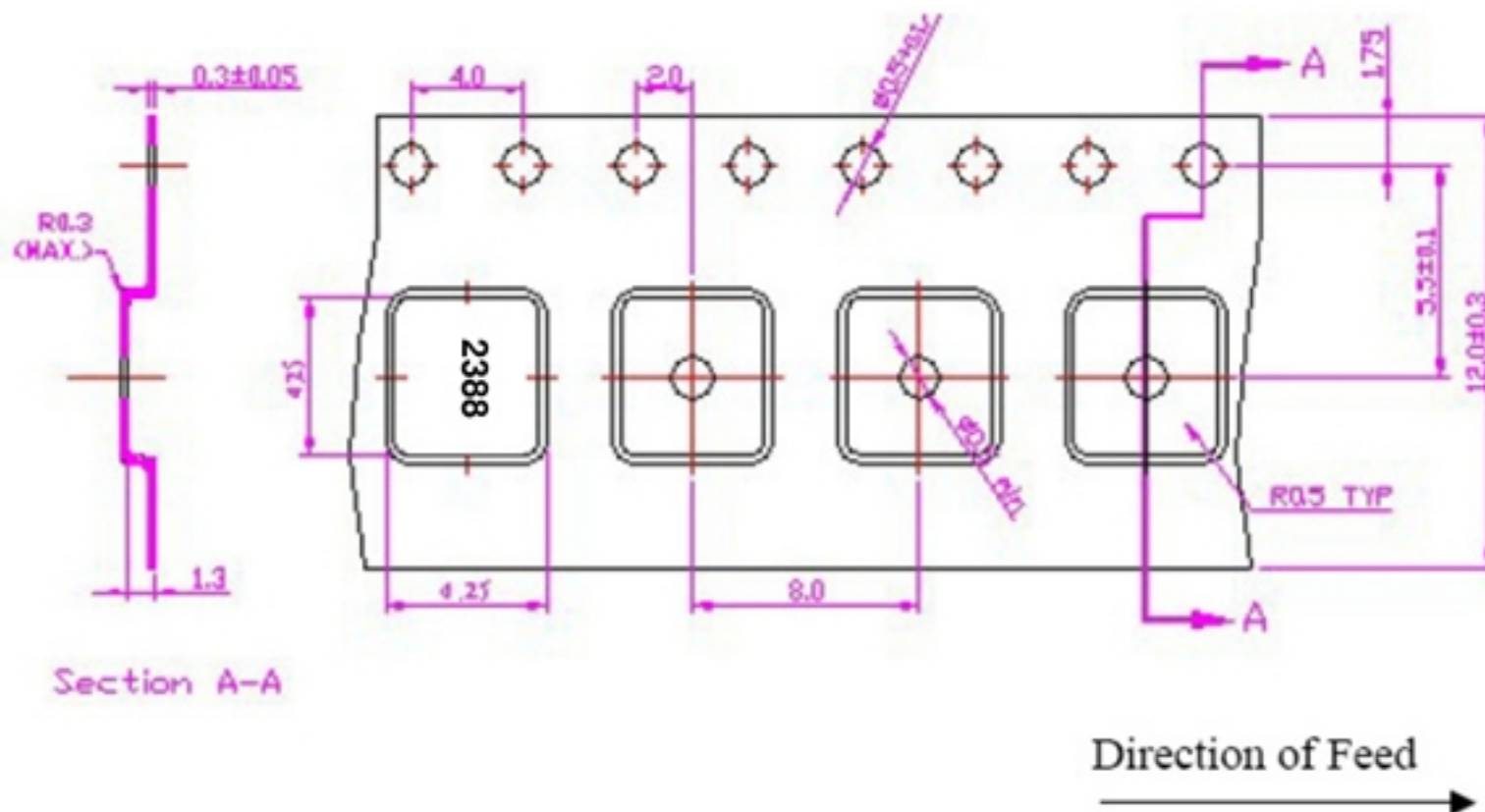
G. PACKING:

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

