

SAW Filter 1590MHz

MODEL NO.:TA0638A

REV. NO.:3

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -55 °C to +85 °C
4. Storage Temperature: -55 °C to +95 °C
5. Moisture Sensitivity Level: Level 1 (**MSL 1**)

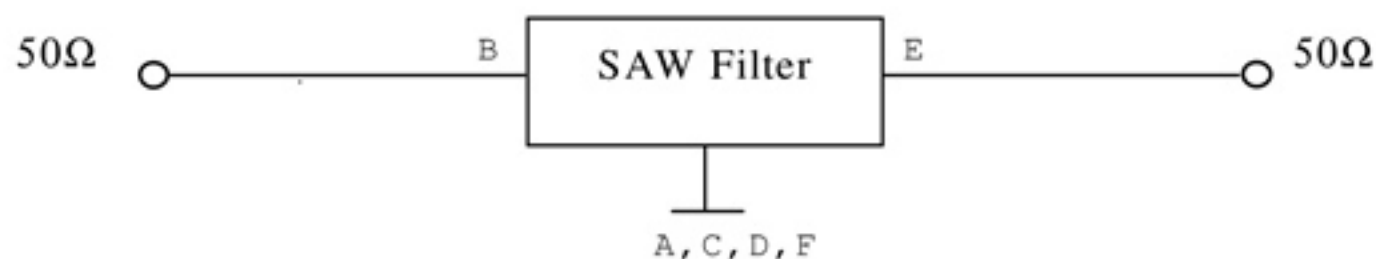
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

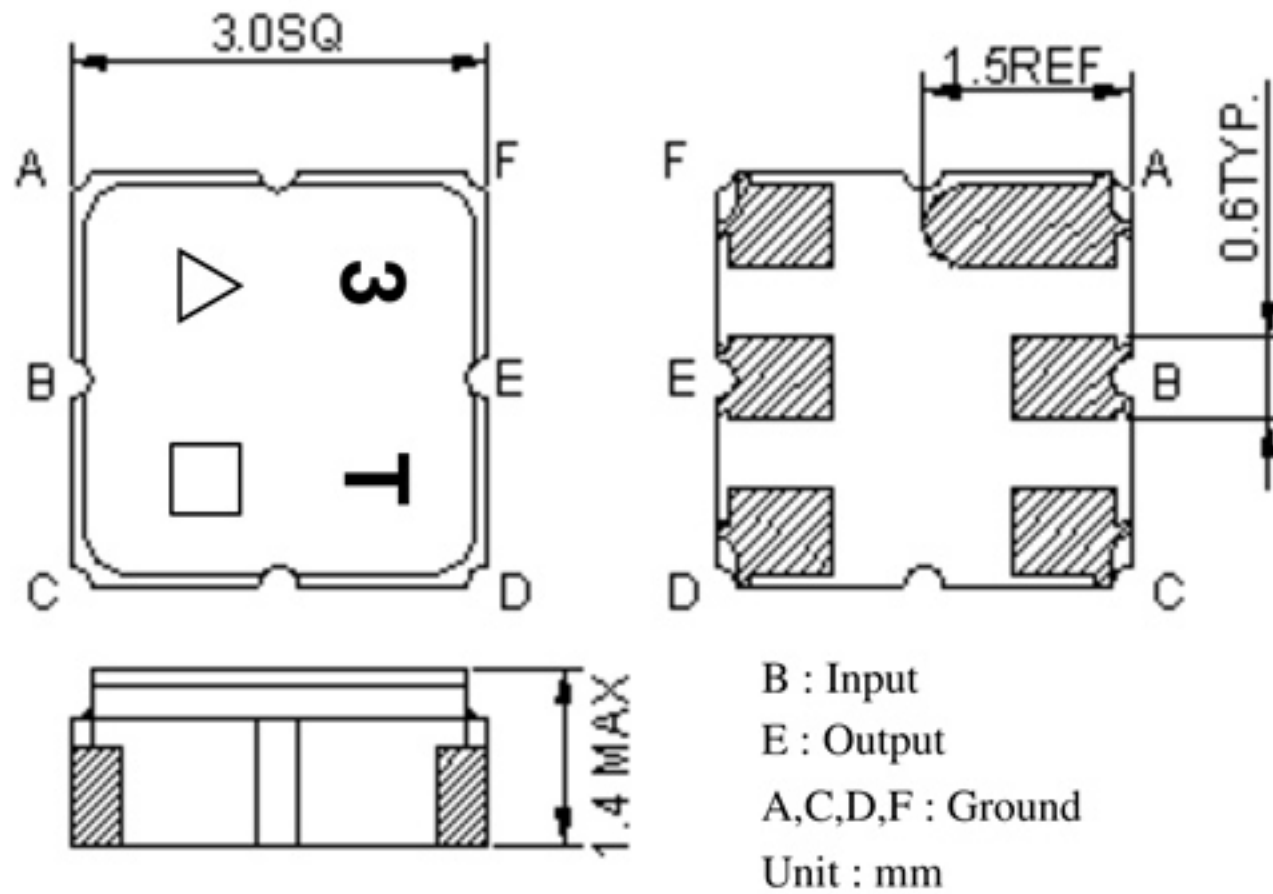
Item	Unit	Min.	Type.	Max.	Note
Center Frequency	Fc	MHz	-	1590	-
Min. Insertion Loss	IL	dB	-	2.3	4
Amplitude ripple		dB	-	1	1.8
Bandwidth @ -1.2dB		MHz	55	59	65
Bandwidth @ -20dB		MHz	-	97	125
Ultimate rejection		dB	-	50	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



D. OUTLINE DRAWING:



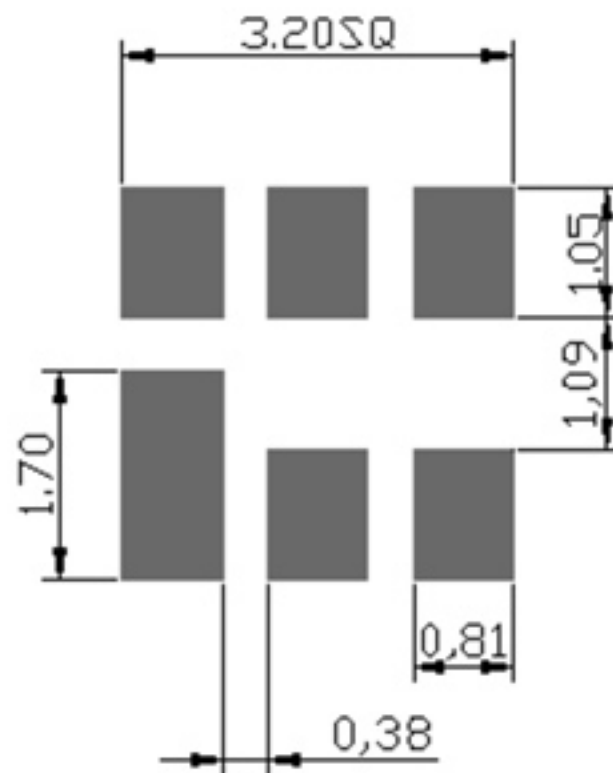
△ : Year Code (2016->6, ..., 2019->9)

□ : Date Code (W01->A,W02->B,...W27->a,...,W52->z)

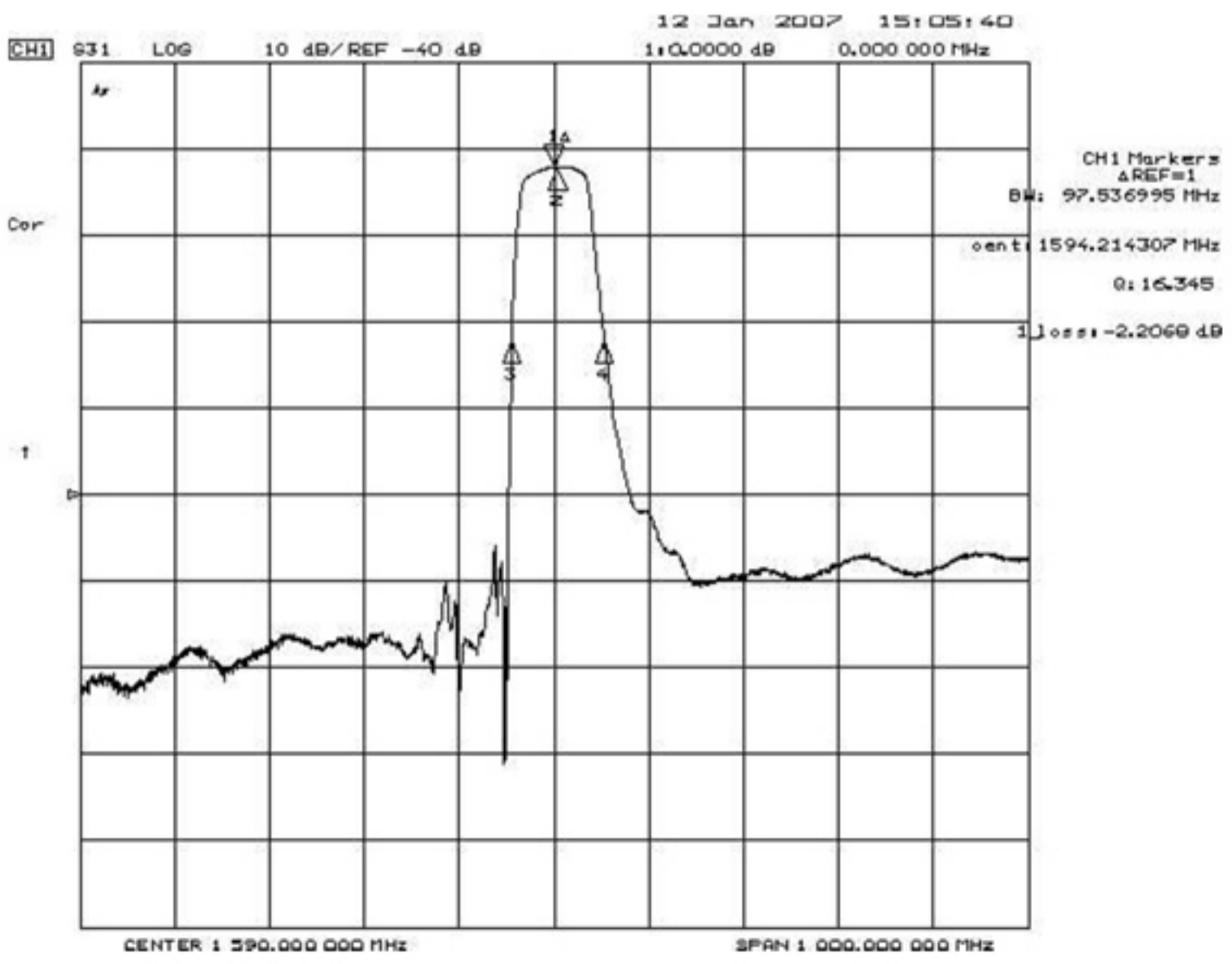
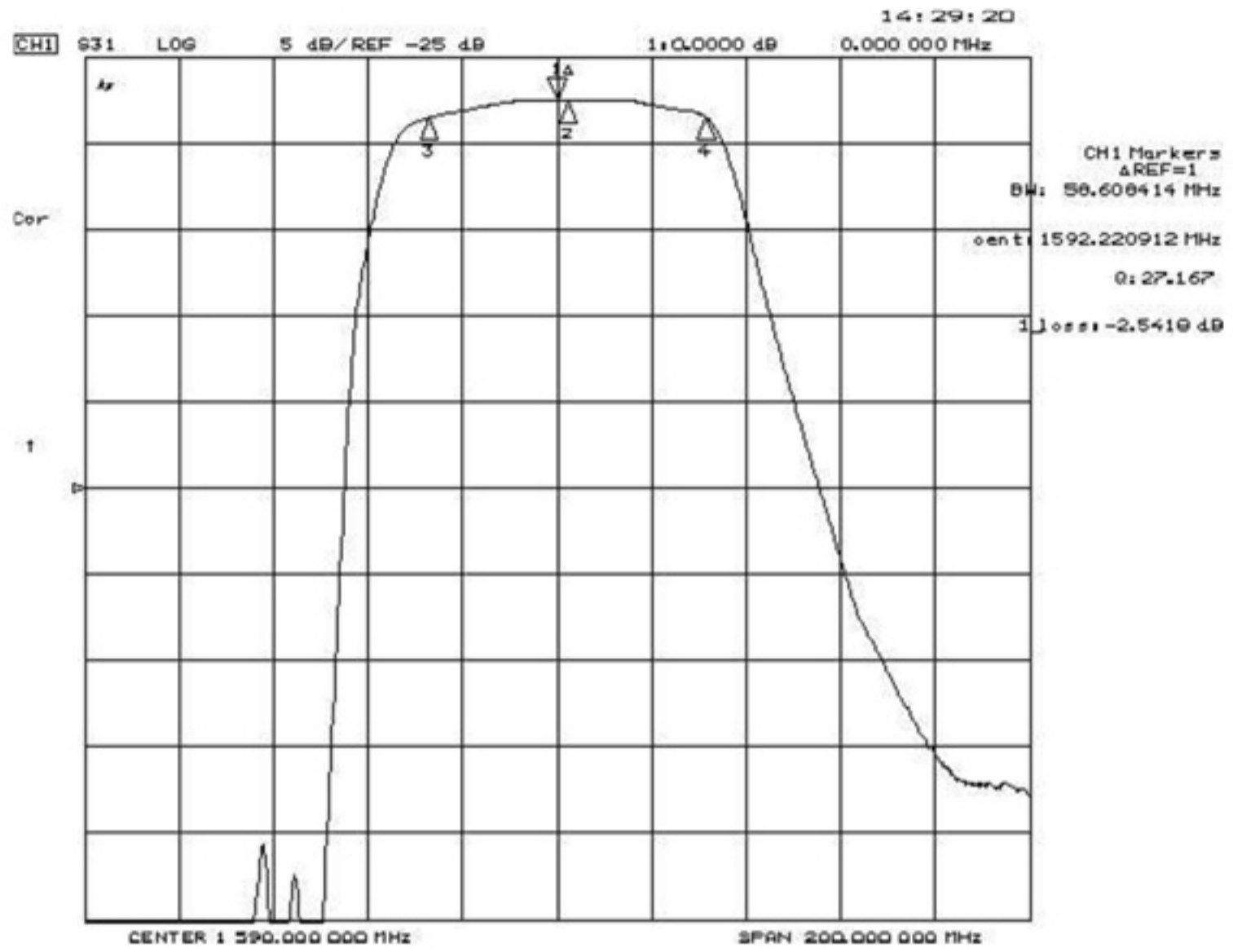
Date Code Table:

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:

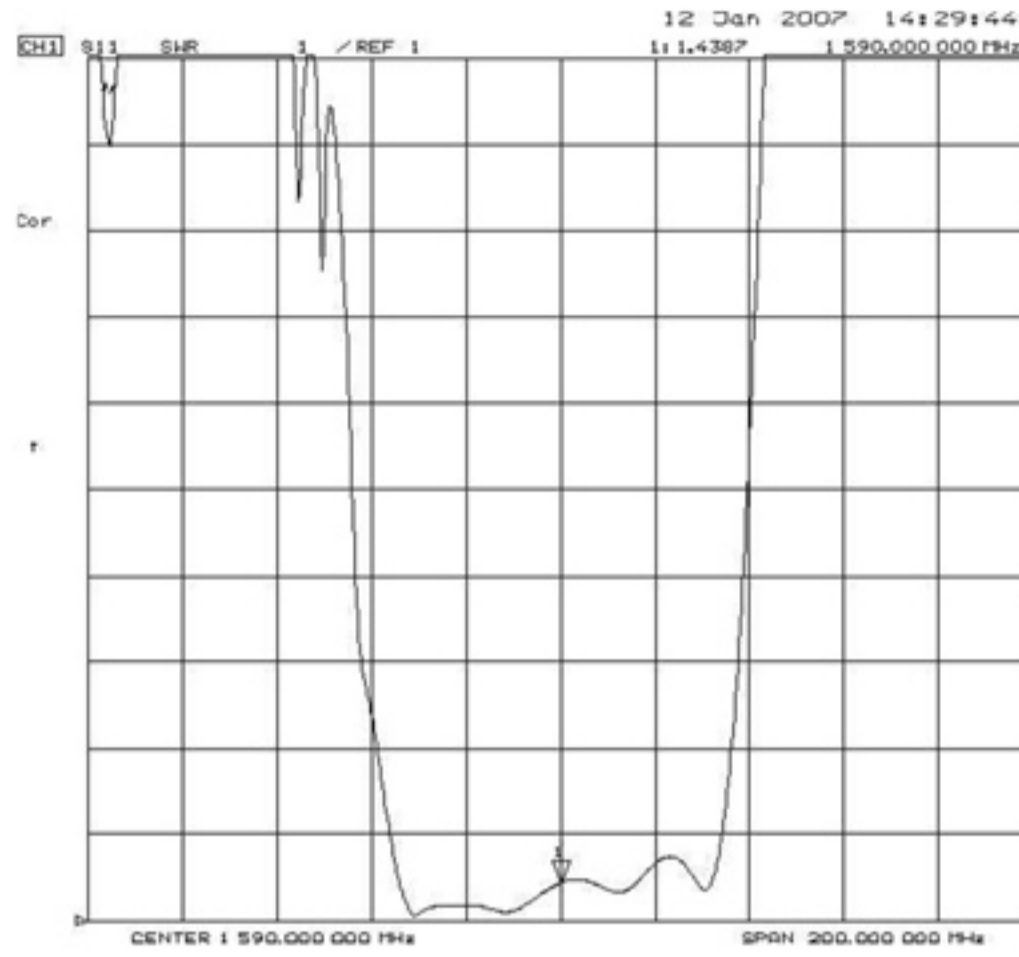


F. FREQUENCY CHARACTERISTICS:

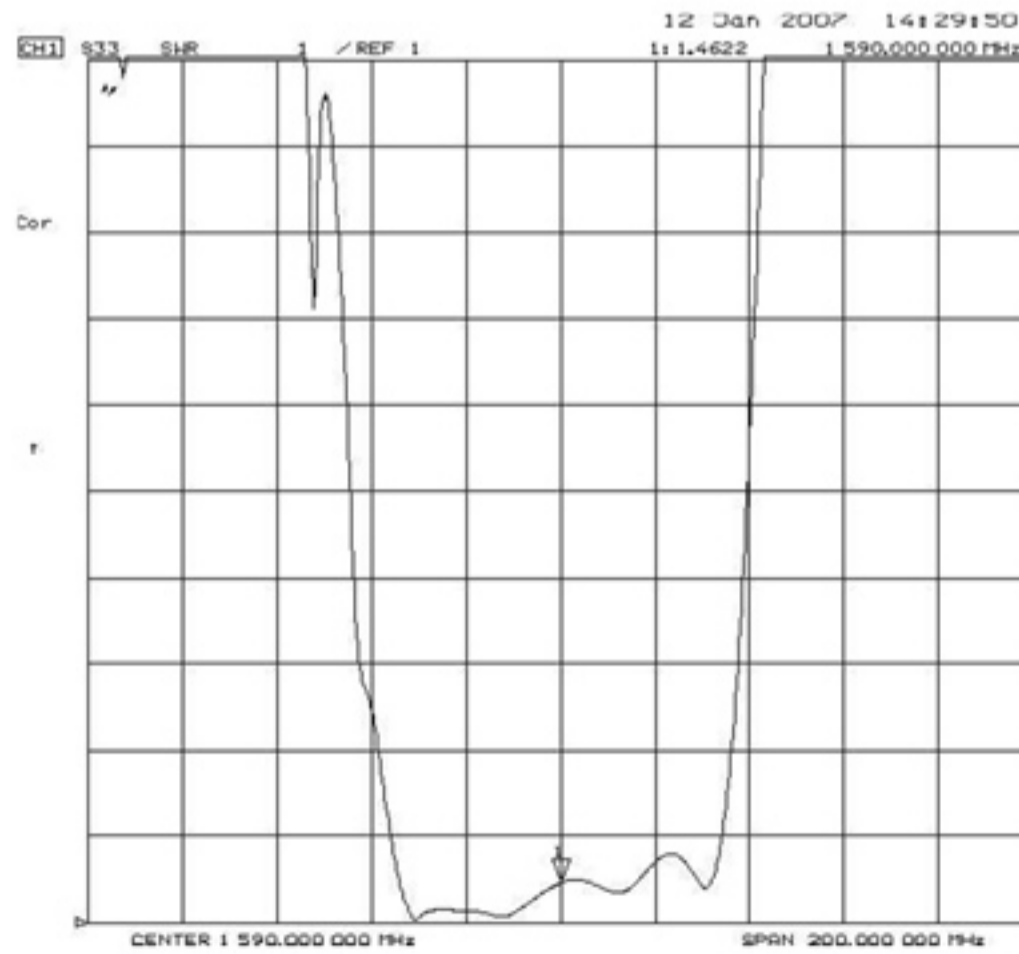


Reflection Functions :

S11



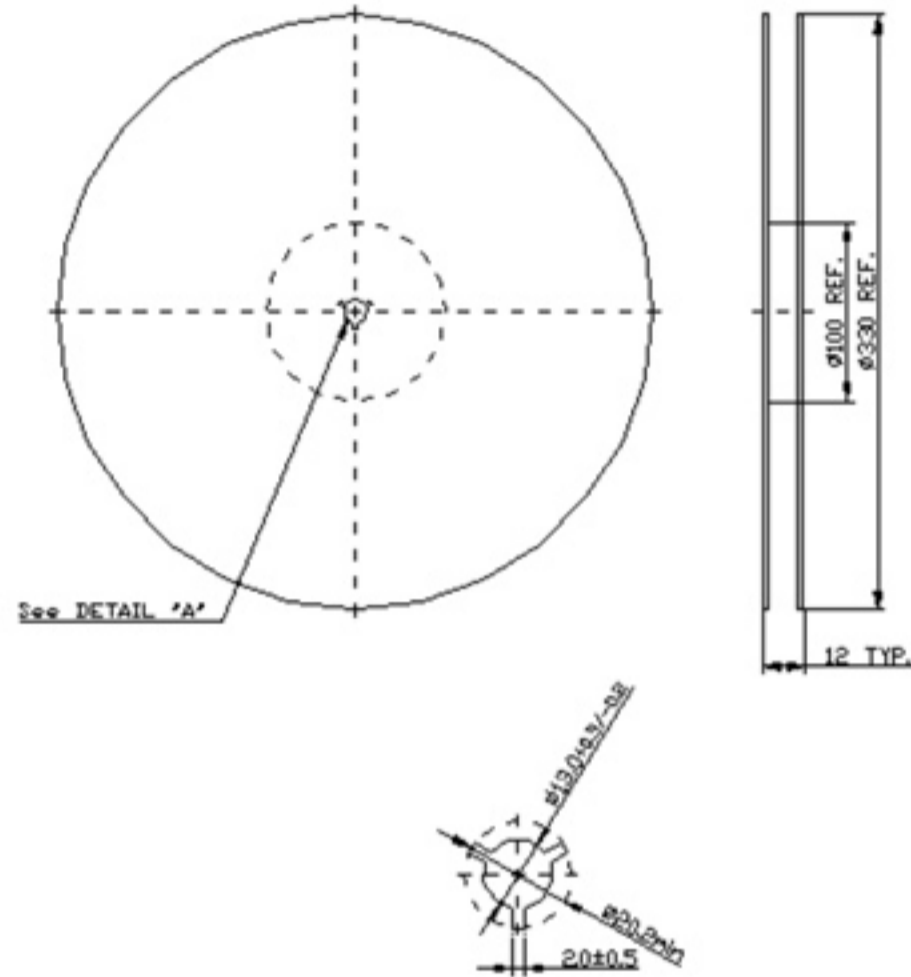
S22



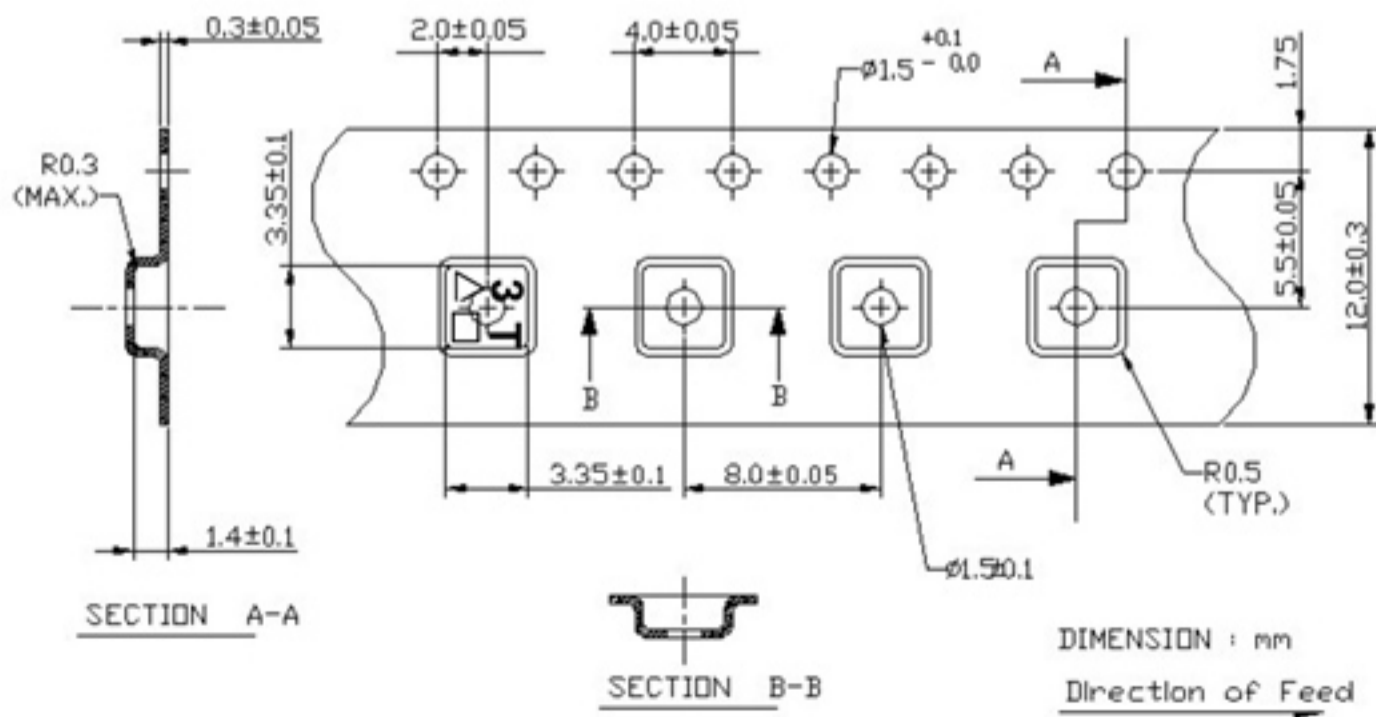
G. PACKING:

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

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



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

