

SAW Filter 923.5MHz

MODEL NO.:TA0644A

REV. NO.:2

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -10°C to +85°C
4. Storage Temperature: -30°C to +85°C
5. Moisture Sensitivity Level: Level 1 (**MSL 1**)

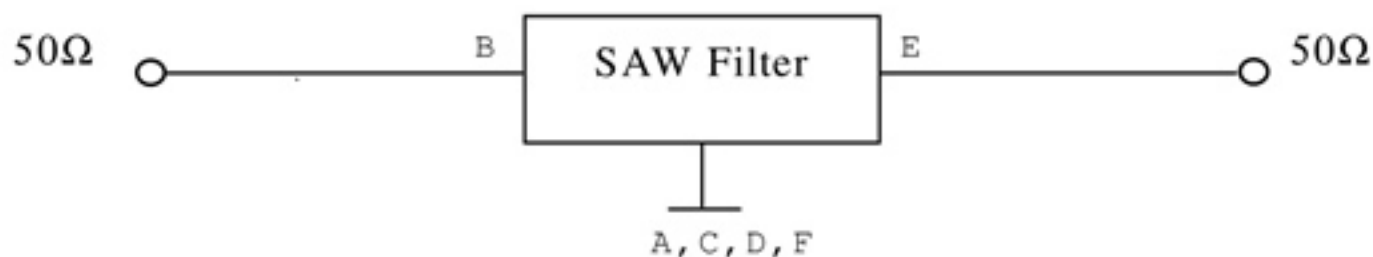
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

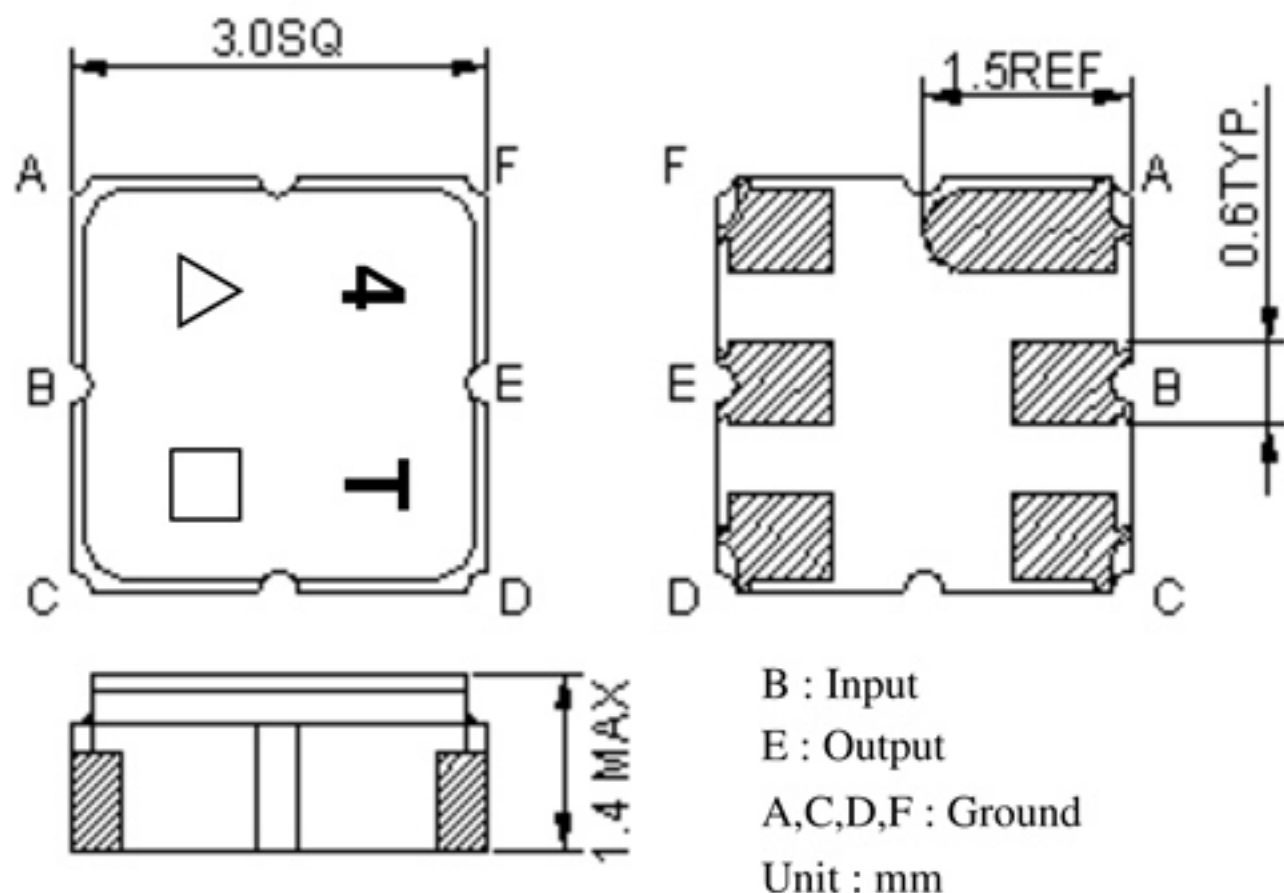
Item	Unit	Min.	Type.	Max.	Note	
Center Frequency Fc	MHz	-	923.5	-	-	
Insertion Loss (919 ~ 928 MHz) IL	dB	-	2.6	3.5	-	
Amplitude Ripple (919 ~ 928 MHz)	dB	-	0.6	3	-	
VSWR (919 ~ 928 MHz)		-	1.3	2.2	-	
Attenuation (Reference level from 0 dB)						
D.C ~ 880 MHz	dB	30	53	-	-	
880 ~ 900 MHz	dB	20	50	-	-	
900 ~ 910 MHz	dB	10	24	-	-	
940 ~ 1000 MHz	dB	10	34	-	-	
1000 ~ 3000 MHz	dB	20	31	-	-	

C. MEASUREMENT CIRCUIT:

HP Network analyzer



D. OUTLINE DRAWING:

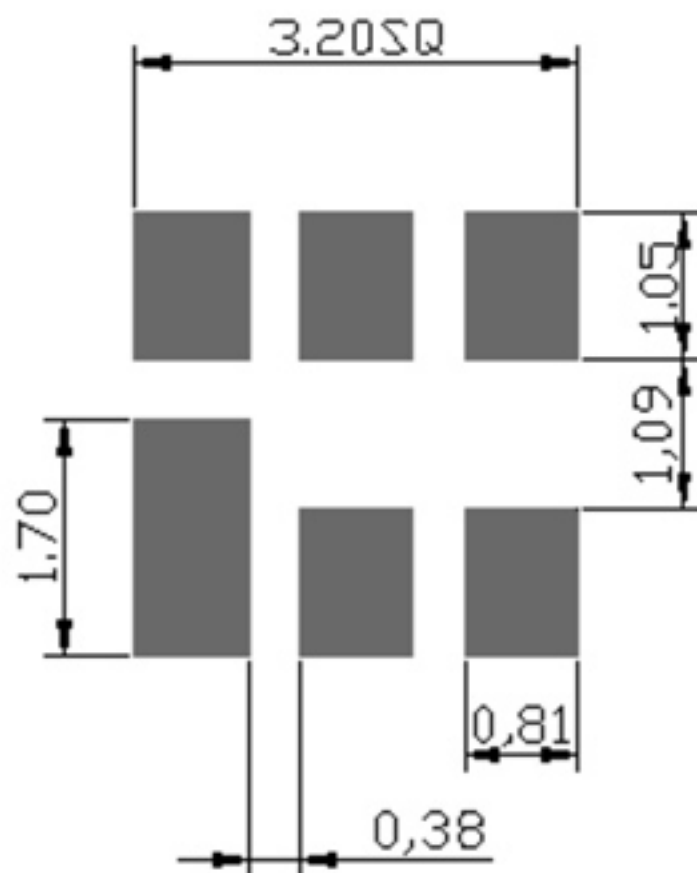


△ : Year Code (2016->6, ..., 2019->9)
 □ : Date Code (Follow the table from planner each year)

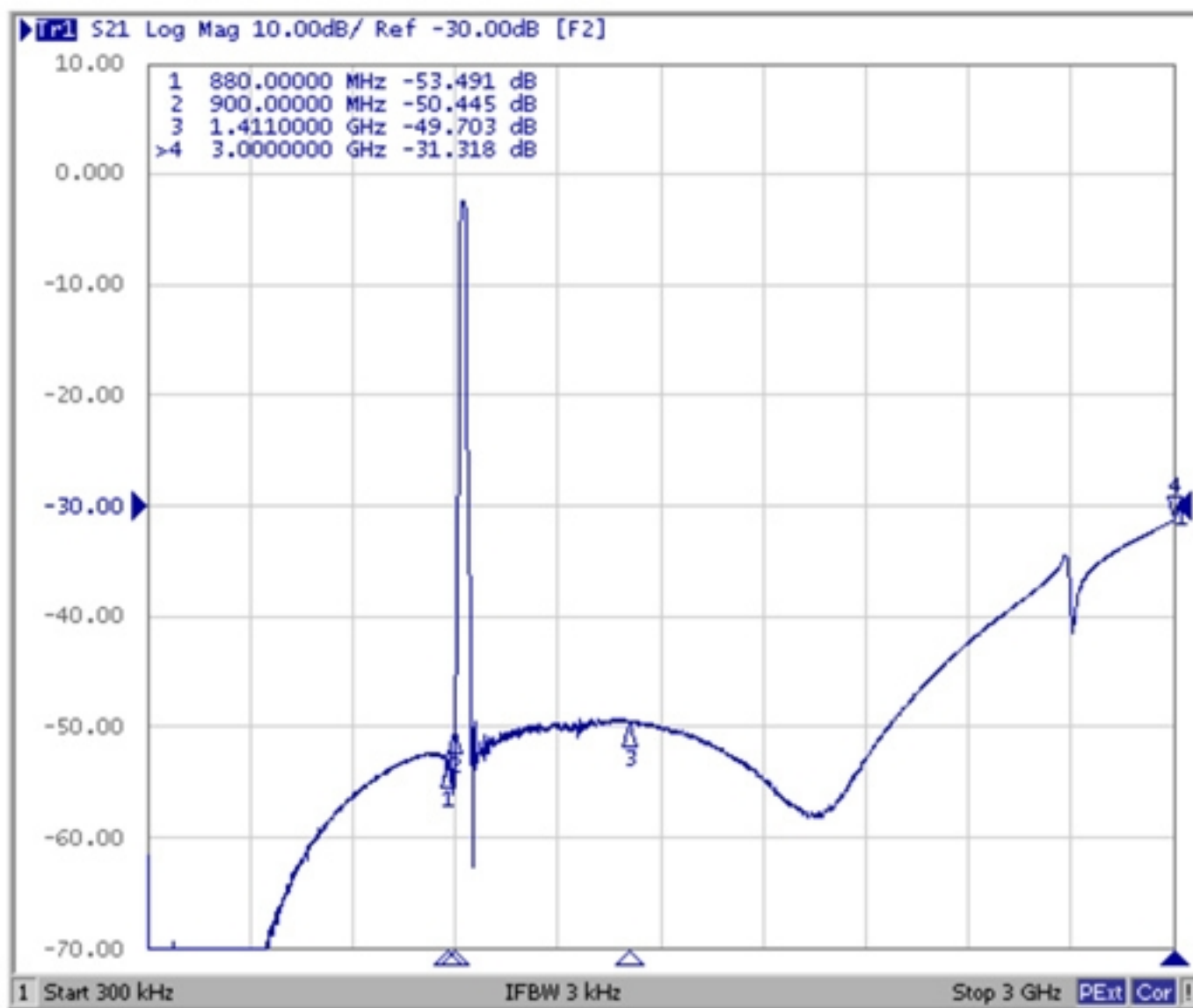
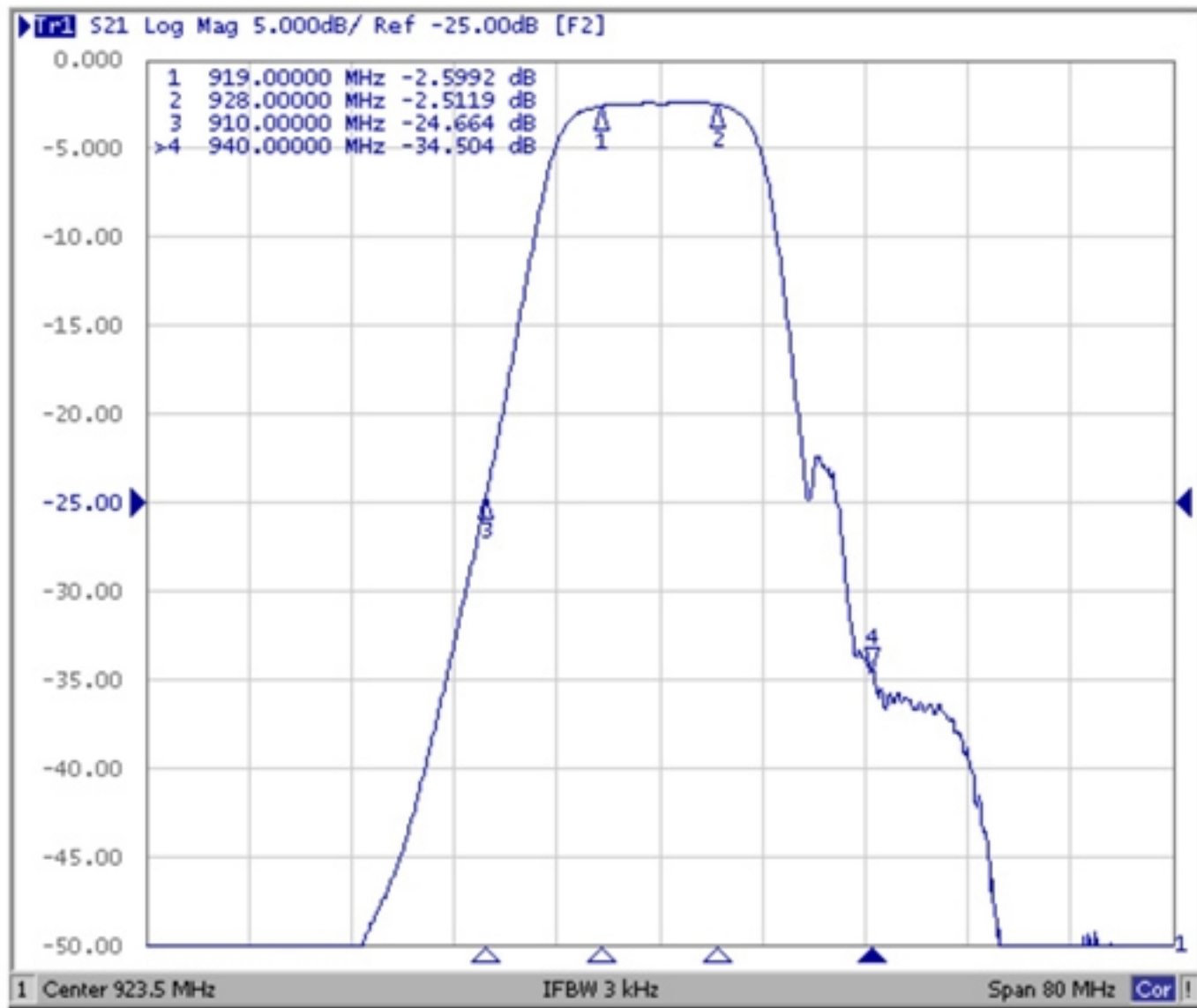
Date Code Table:

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:

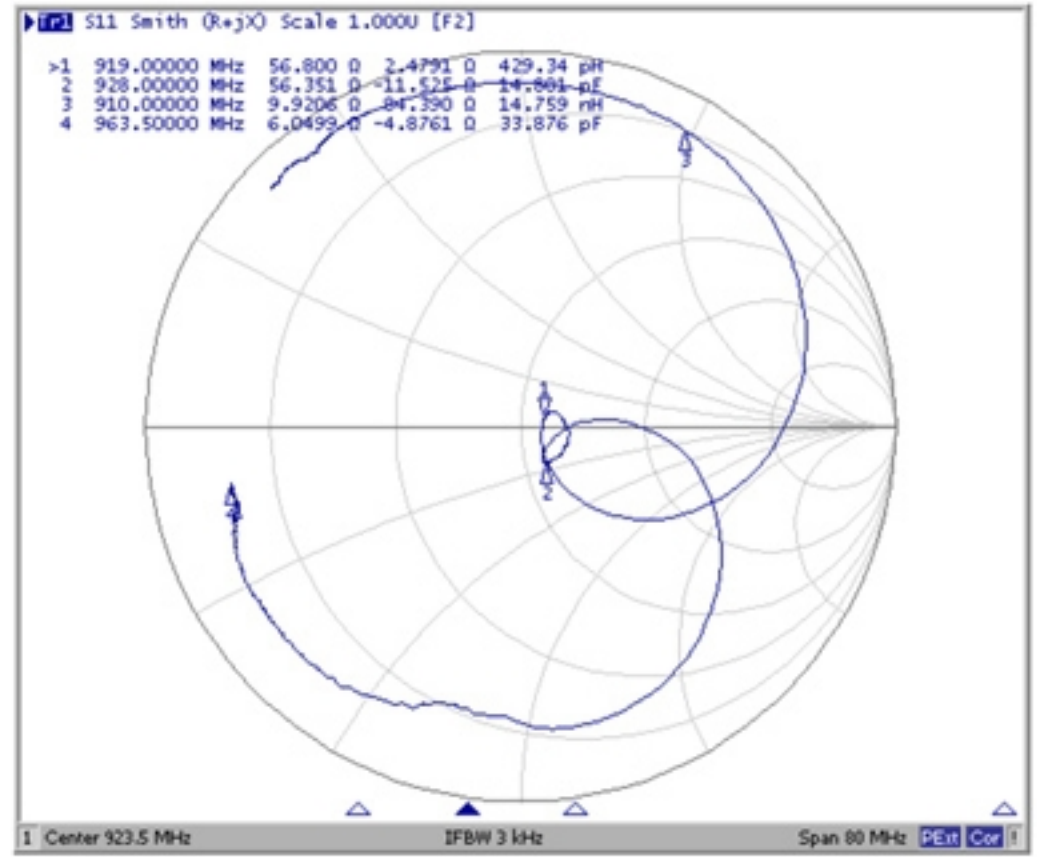
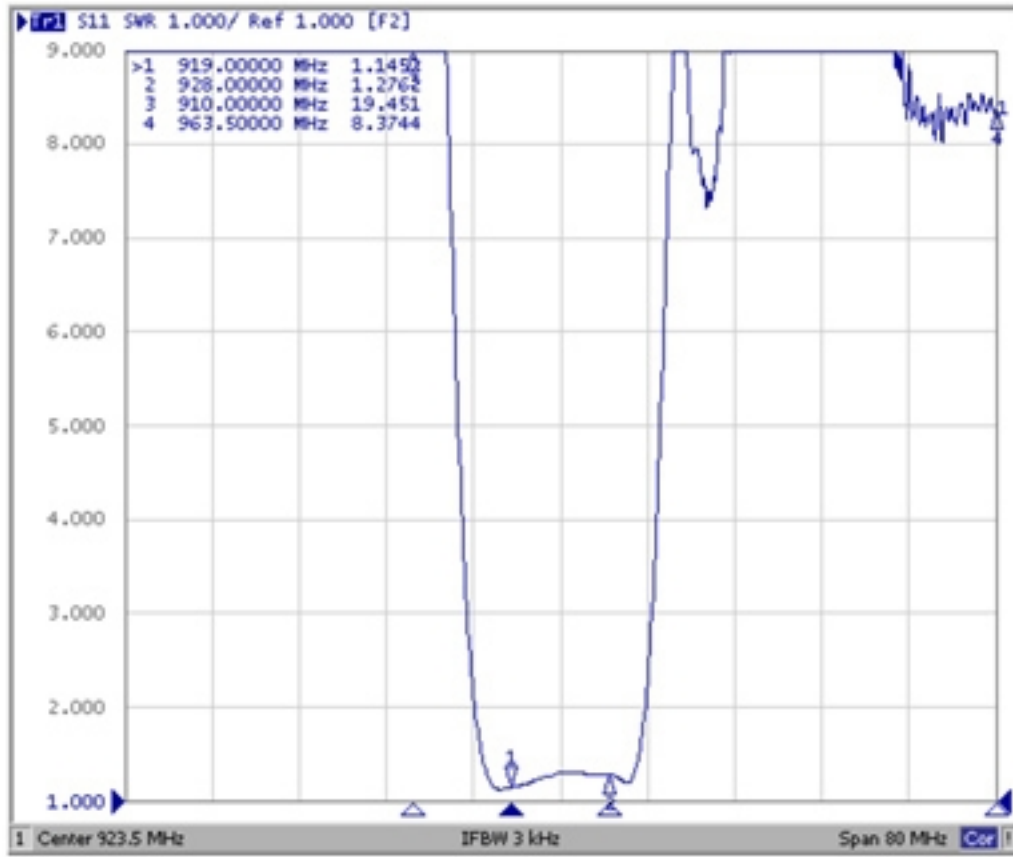


F. FREQUENCY CHARACTERISTICS :

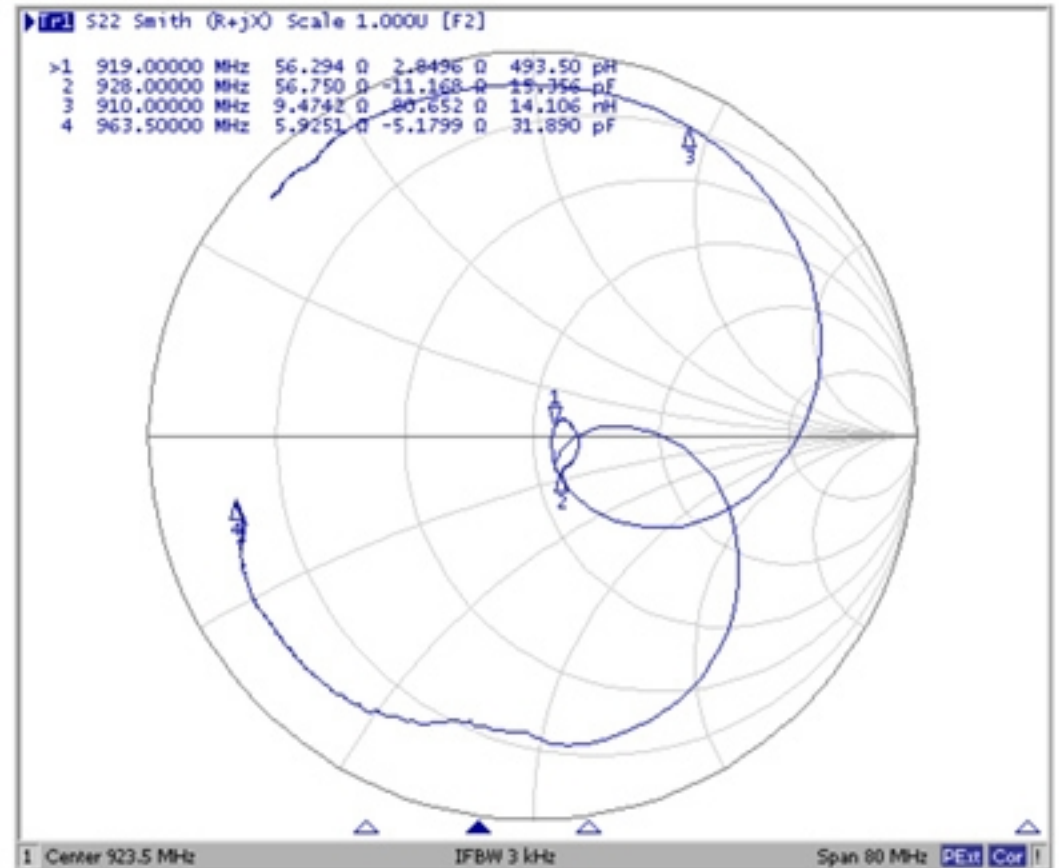
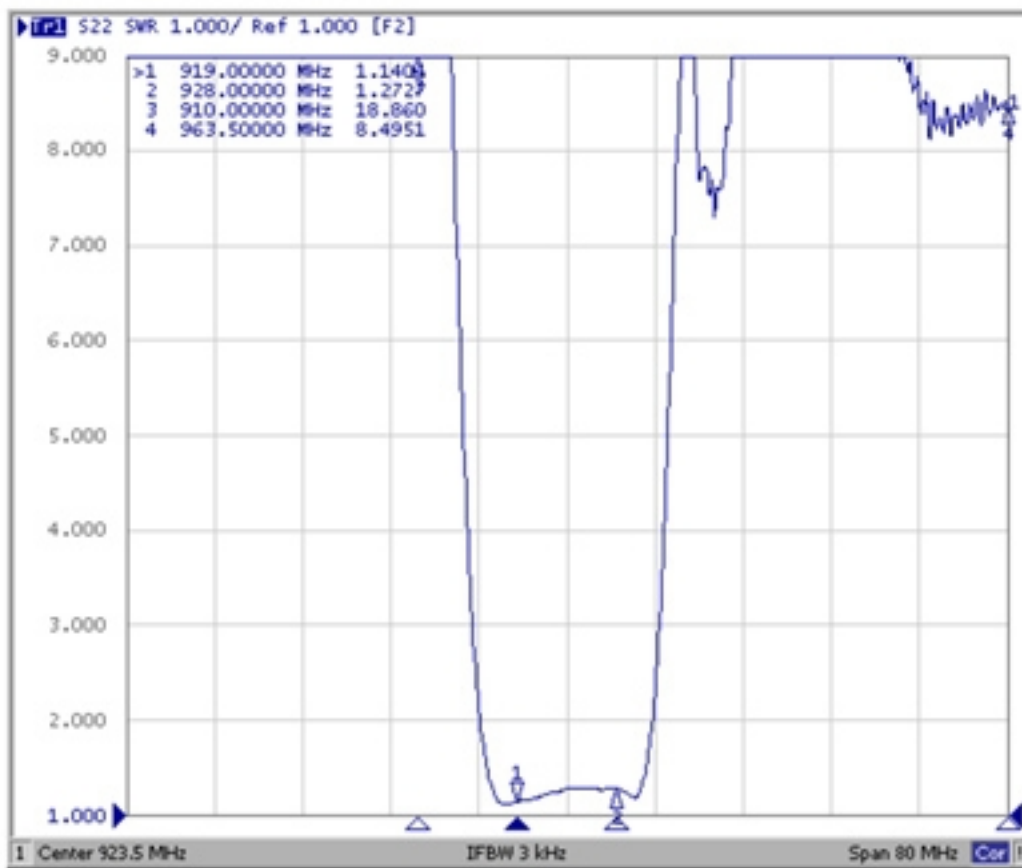


Reflection Functions :

S11



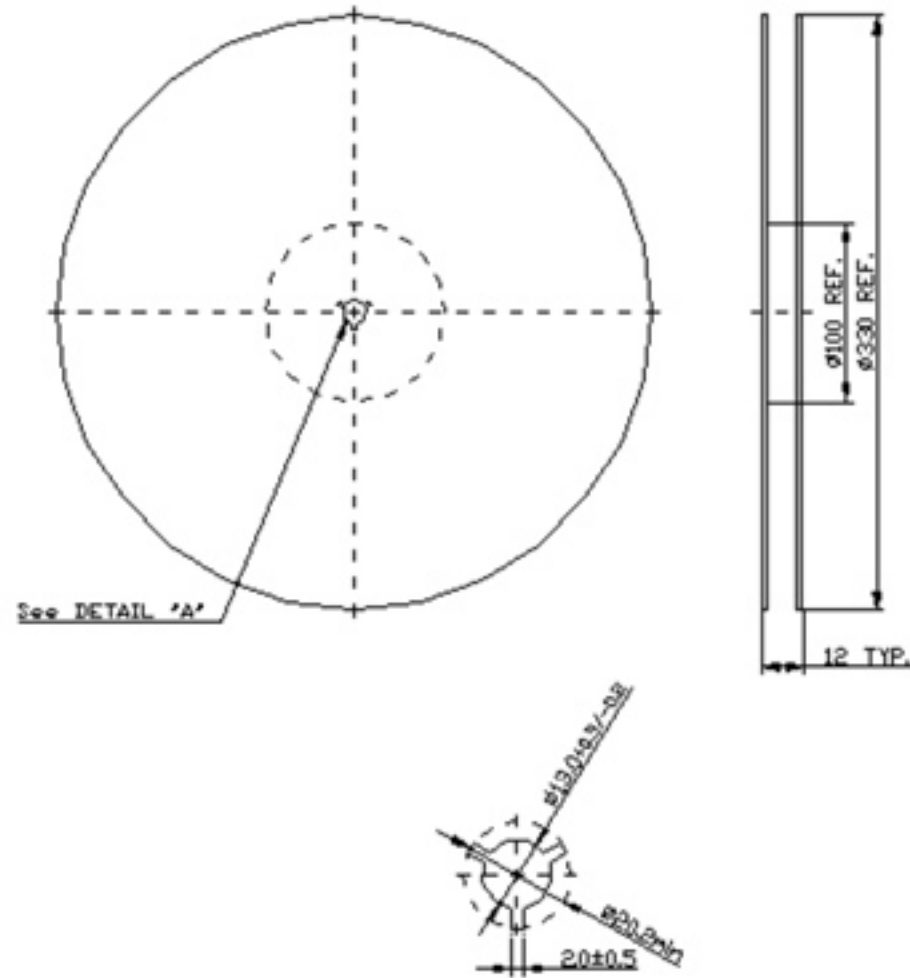
S22



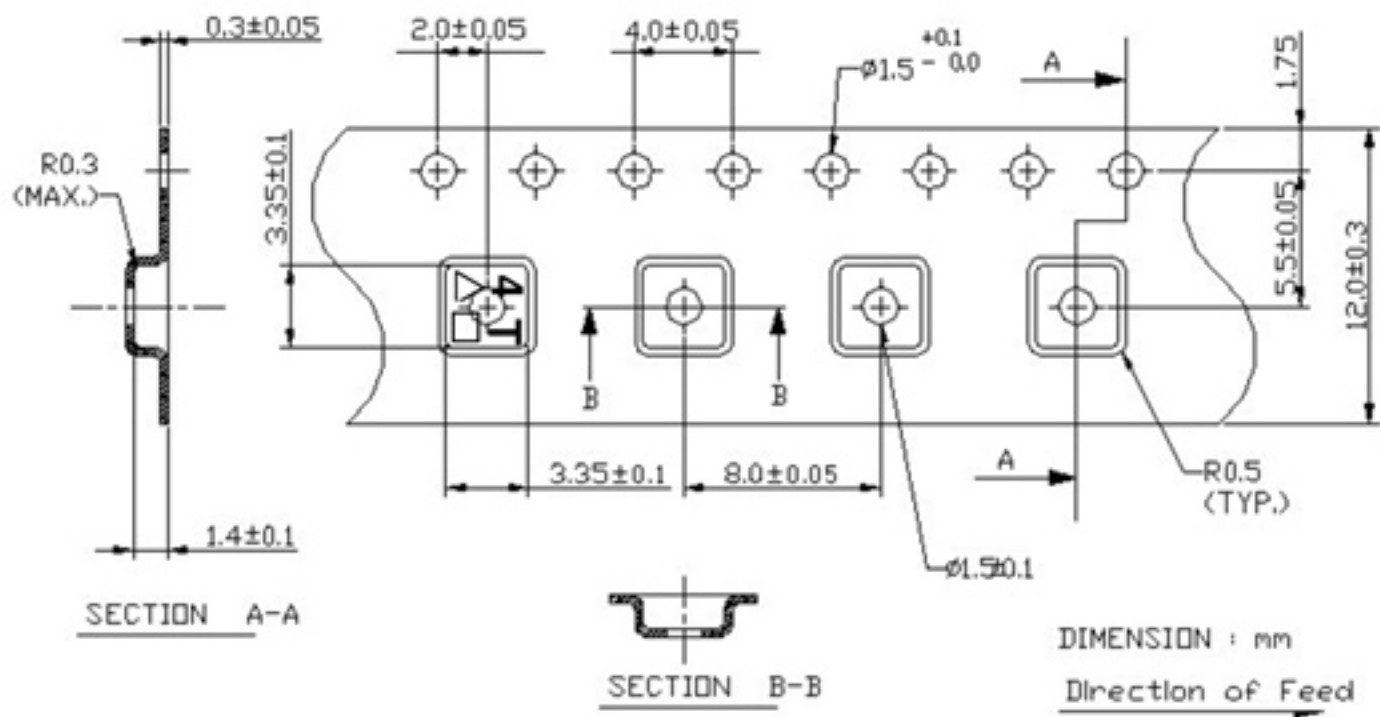
G. PACKING:

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

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



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

