

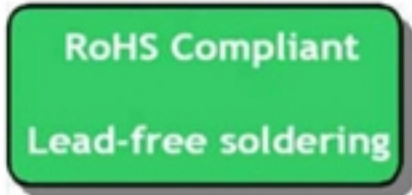
SAW Filter 1133 MHz 35MHz BW SMD 3.0×3.0 mm

MODEL NO.:TA2617A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 20 dBm
2. DC Voltage : 3V
3. Operating Temperature: -55°C to +85°C
4. Storage Temperature: -55°C to +85°C
5. Moisture Sensitivity Level: Level 1 (MSL 1)



Electrostatic Sensitive Device (ESD)

B. ELECTRICAL CHARACTERISTICS:

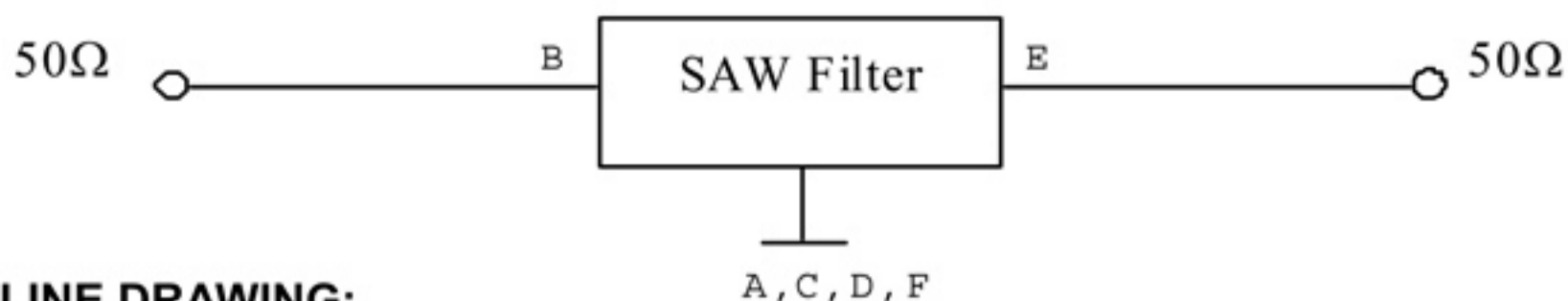
Terminating source impedance (single ended) : $Z_s = 50 \Omega$

Terminating load impedance (single ended) : $Z_L = 50 \Omega$

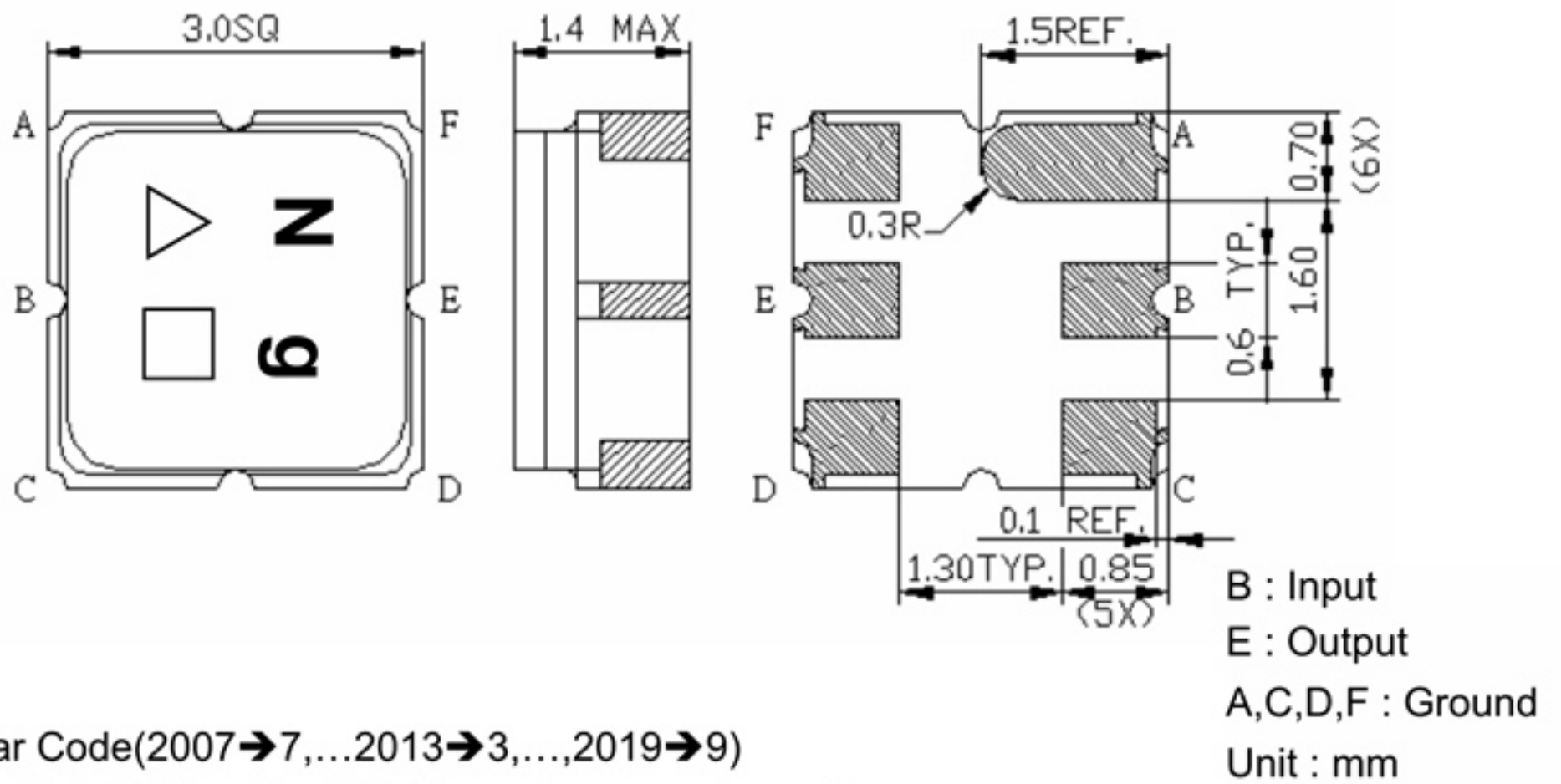
Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	1133	-	
Insertion Loss (1115 ~ 1150 MHz)	dB	-	3.4	5.0	
Amplitude Variation (1115 ~ 1150 MHz)	dB	-	1.4	2.2	
Amplitude Variation over 3 MHz	dB	-	0.3	1.0	
VSWR (1115 ~ 1150 MHz)		-	1.5	2.5	
Group Delay Variation over 3 MHz	ns	-	5.5	20	
Attenuation (reference level from 0 dB)					
DC~800 MHz	dB	20	65	-	
800~900 MHz	dB	25	64	-	
1180~1200 MHz	dB	10	32	-	
1200~1300 MHz	dB	30	40	-	
1450~1600 MHz	dB	25	56	-	
Temperature Coefficient of Frequency	ppm/°C		-36 typ.		

C. MEASUREMENT CIRCUIT:

HP Network analyzer

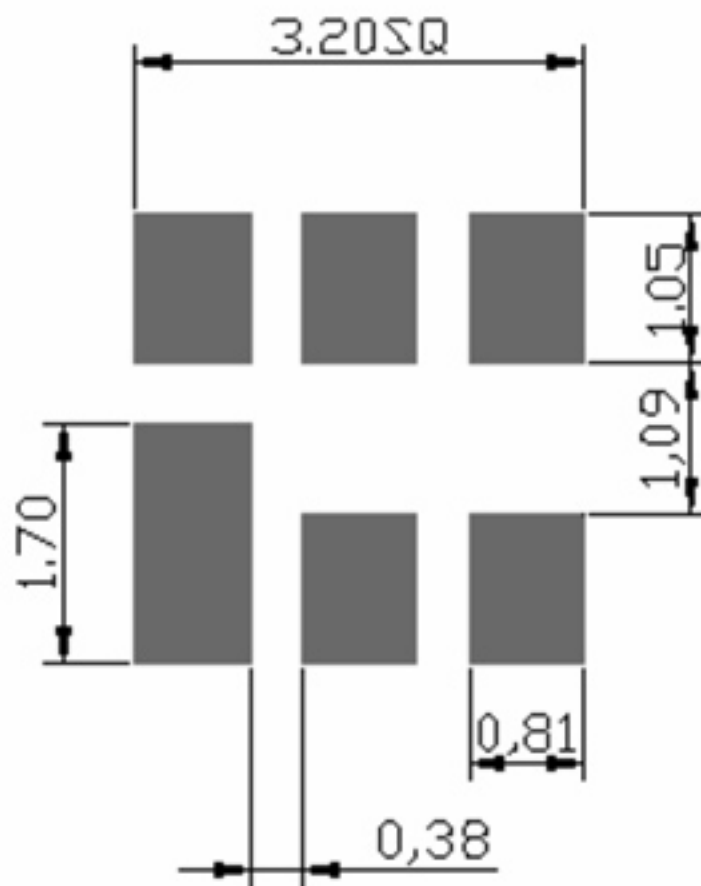


D. OUTLINE DRAWING:

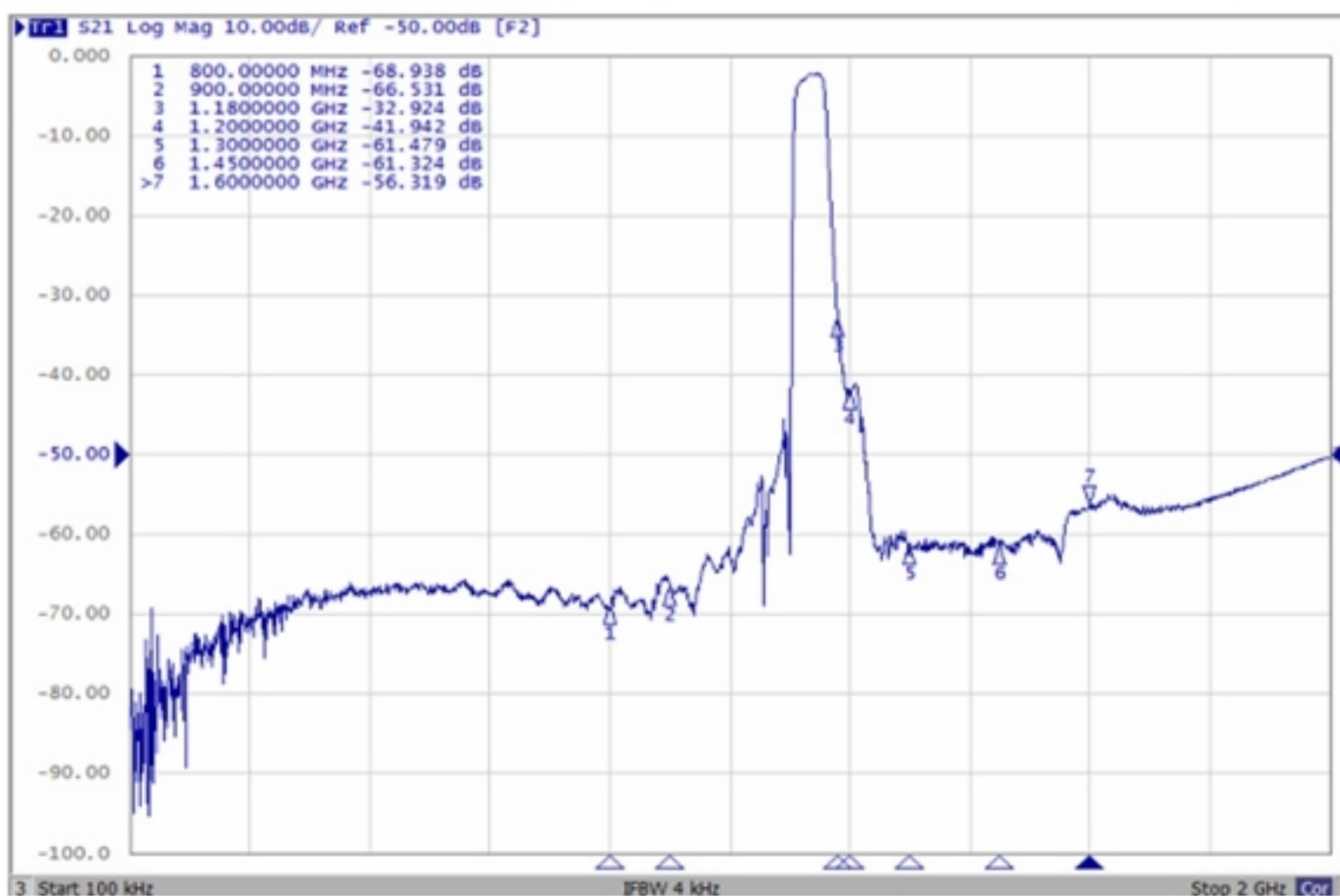
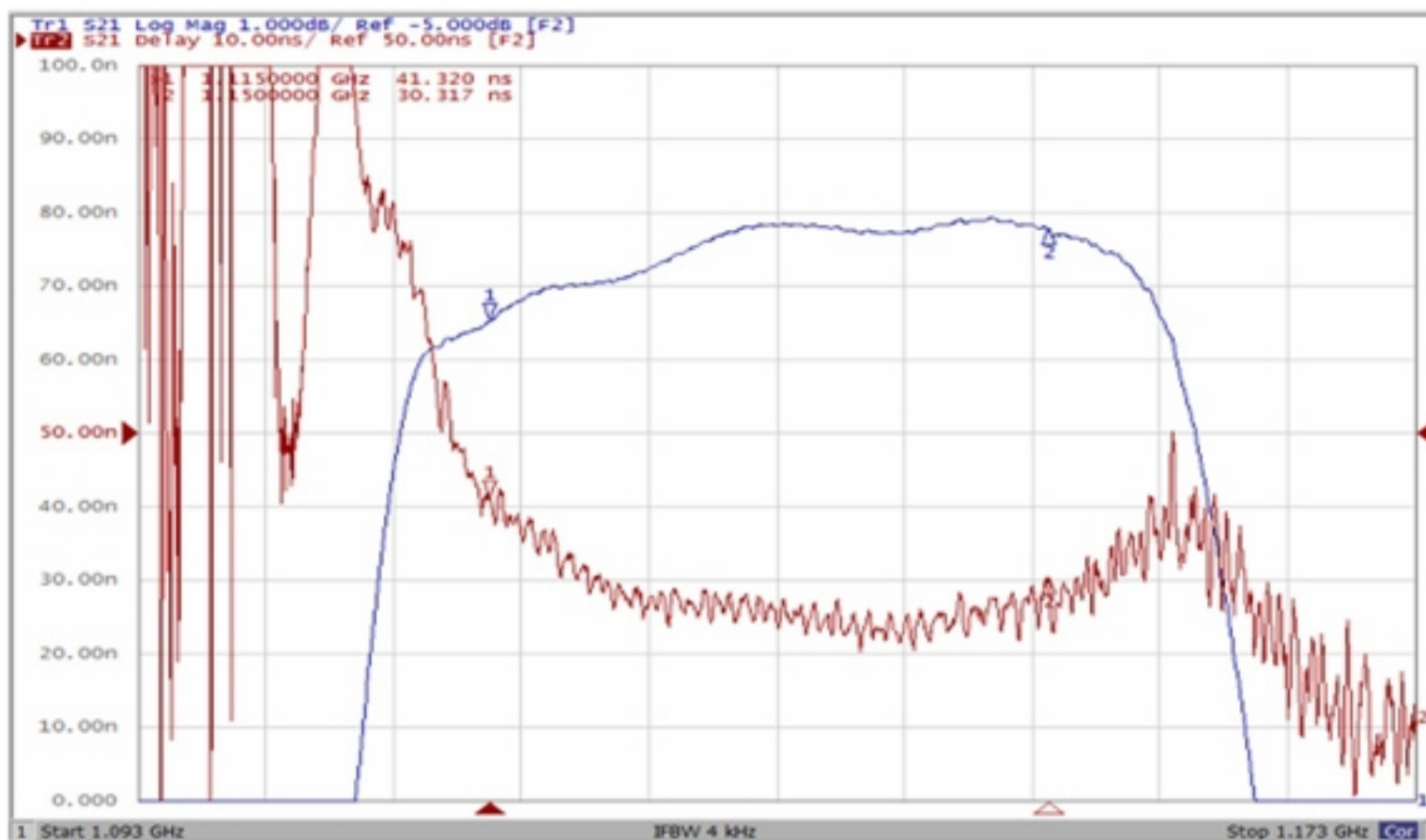


WK01	WK02	WK03	WK04	WK05	WK06	WK07	WK08	WK09	WK10	WK11	WK12	WK13
A	B	C	D	E	F	G	H	I	J	K	L	M
WK14	WK15	WK16	WK17	WK18	WK19	WK20	WK21	WK22	WK23	WK24	WK25	WK26
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
WK27	WK28	WK29	WK30	WK31	WK32	WK33	WK34	WK35	WK36	WK37	WK38	WK39
a	b	c	d	e	f	g	h	i	j	k	l	m
WK40	WK41	WK42	WK43	WK44	WK45	WK46	WK47	WK48	WK49	WK50	WK51	WK52
n	o	p	q	r	s	t	u	v	w	x	y	z

E. PCB Footprint:

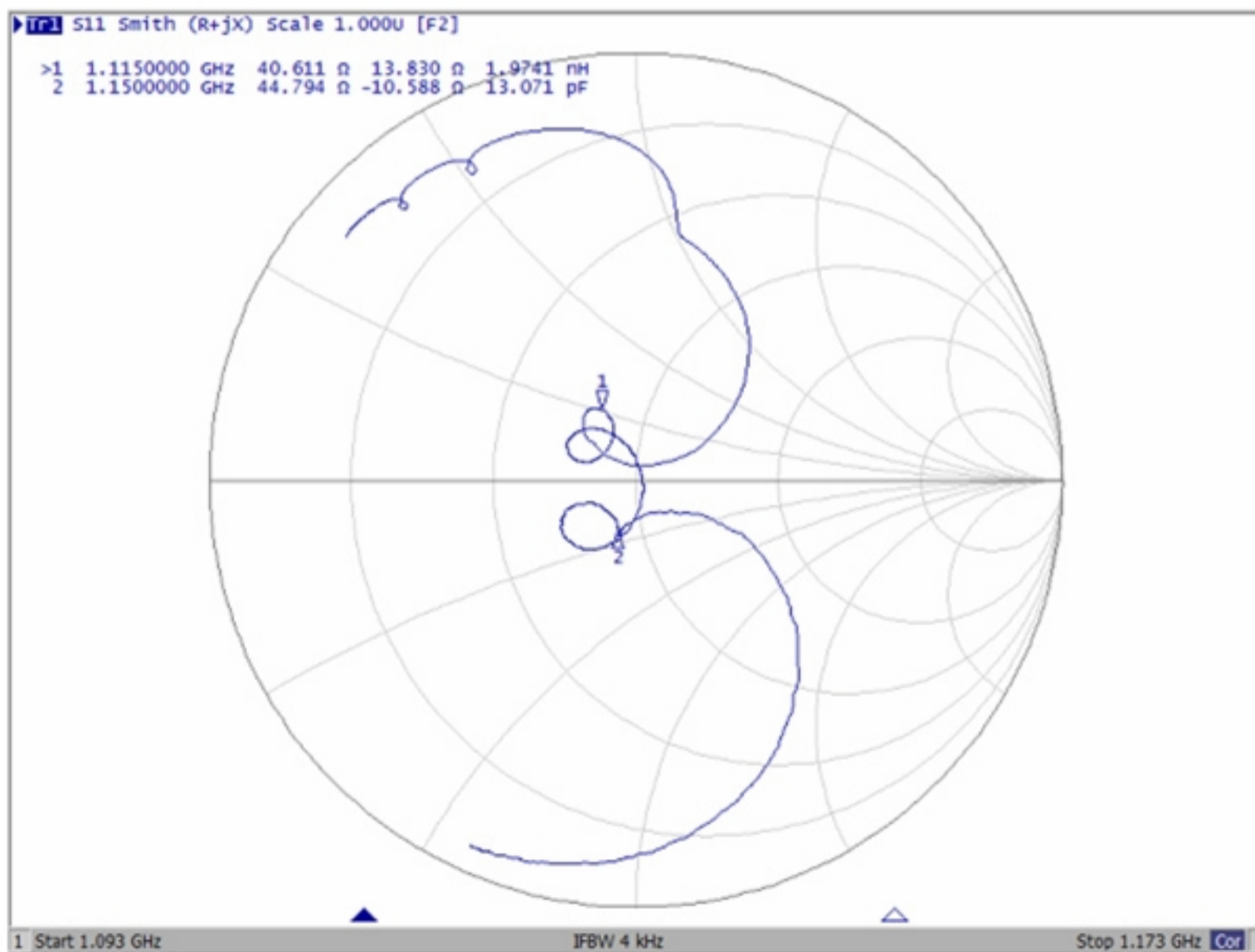
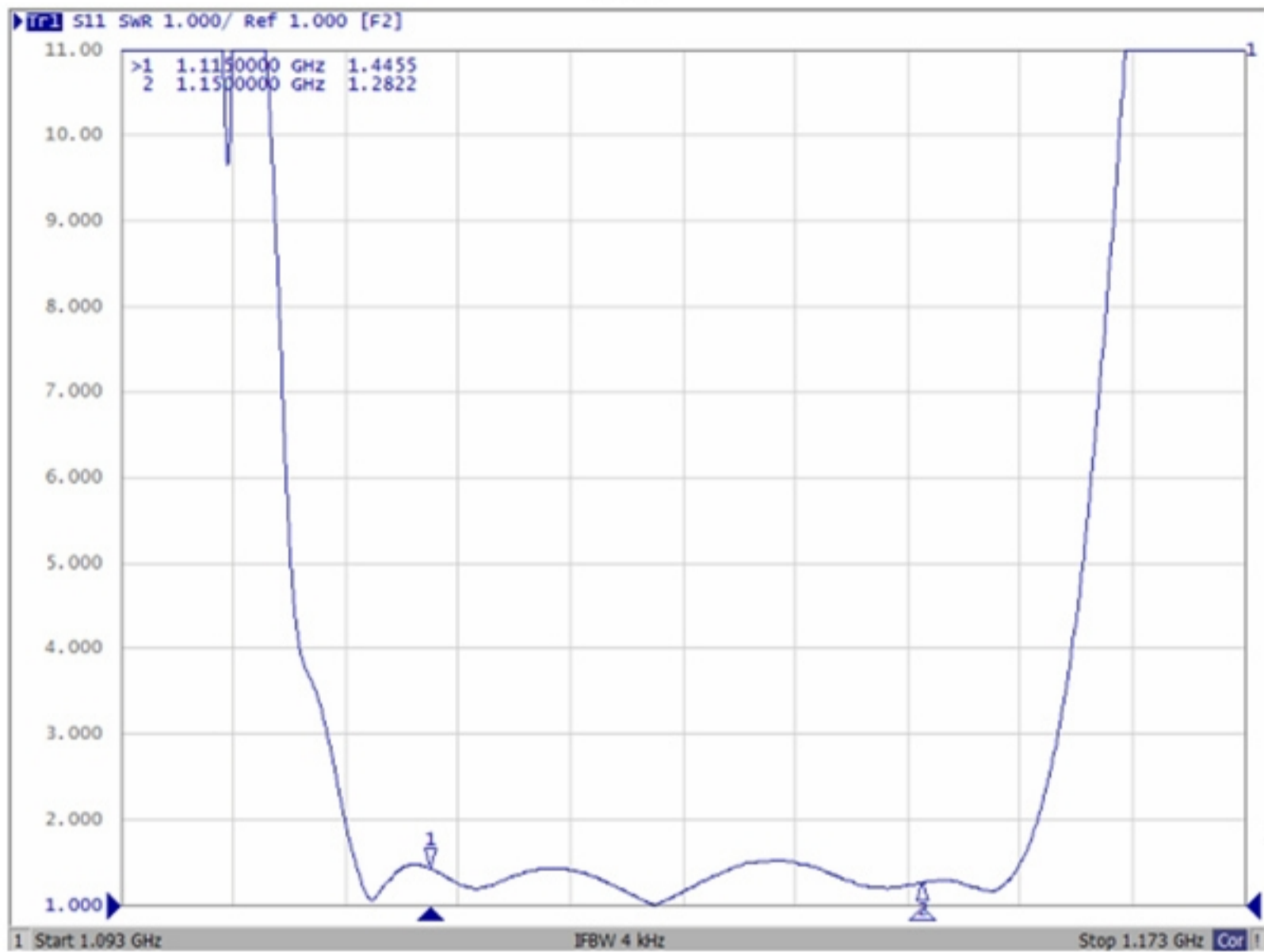


F. Frequency Characteristics :

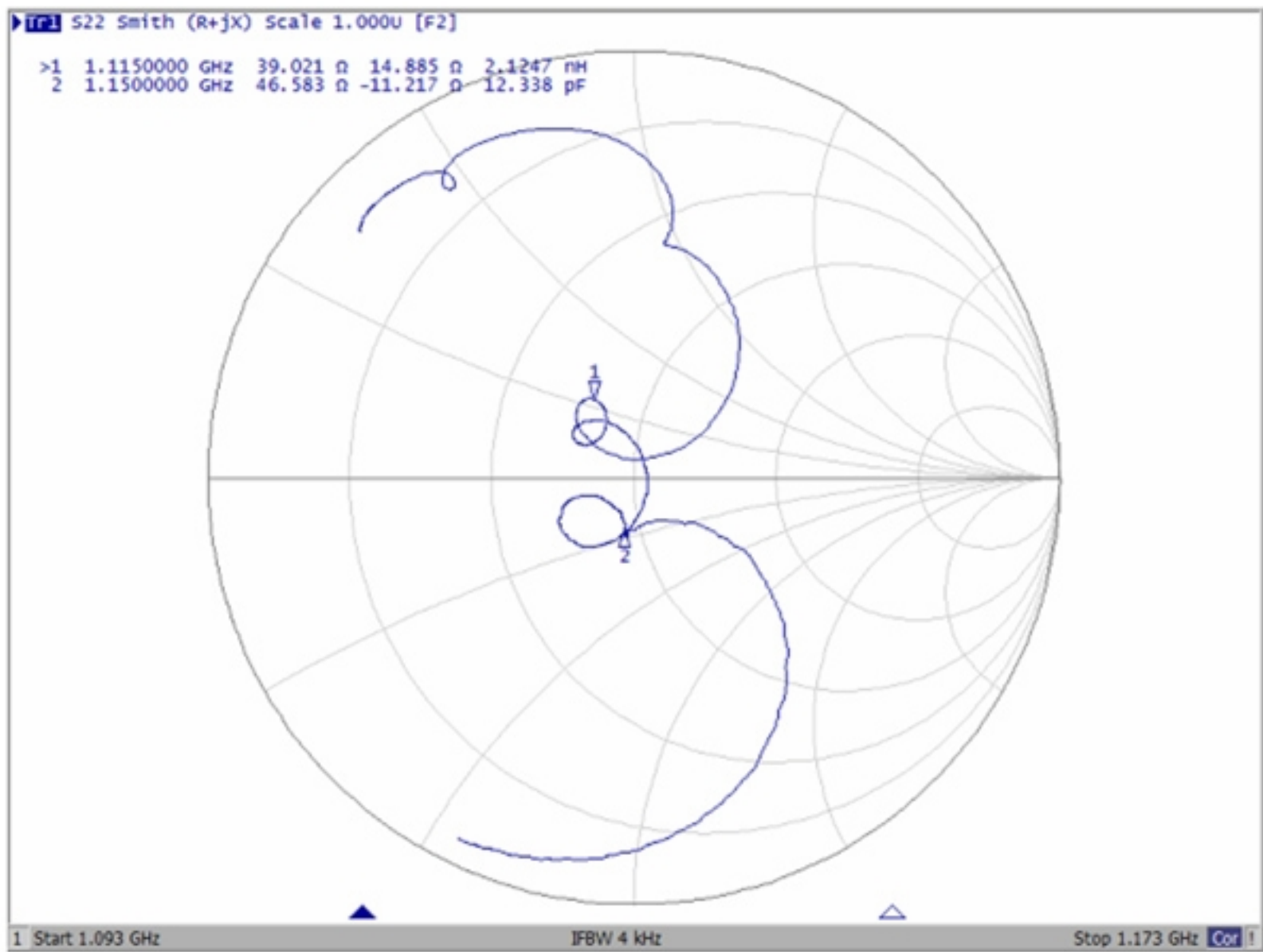
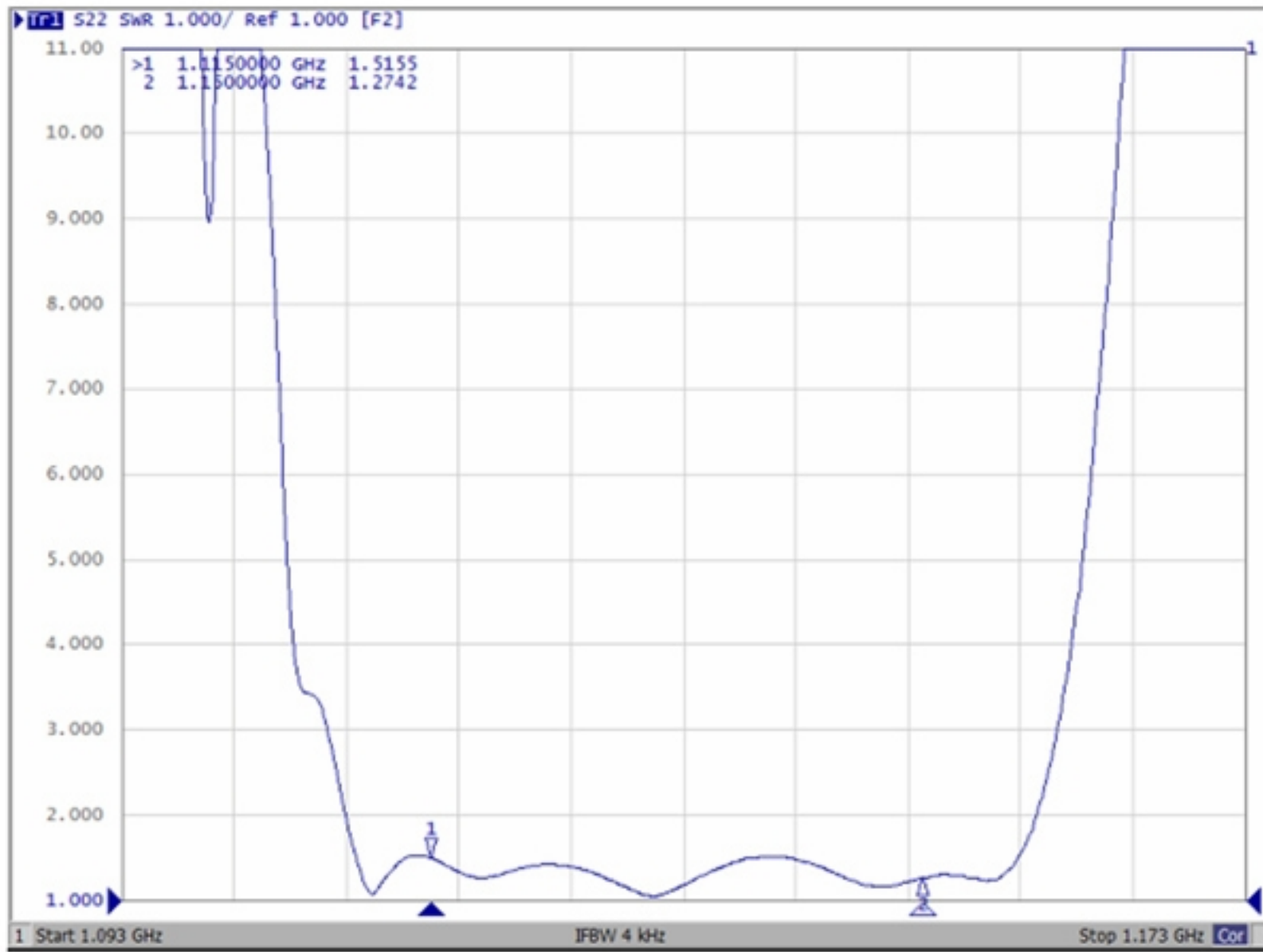


Reflection Functions :

S11



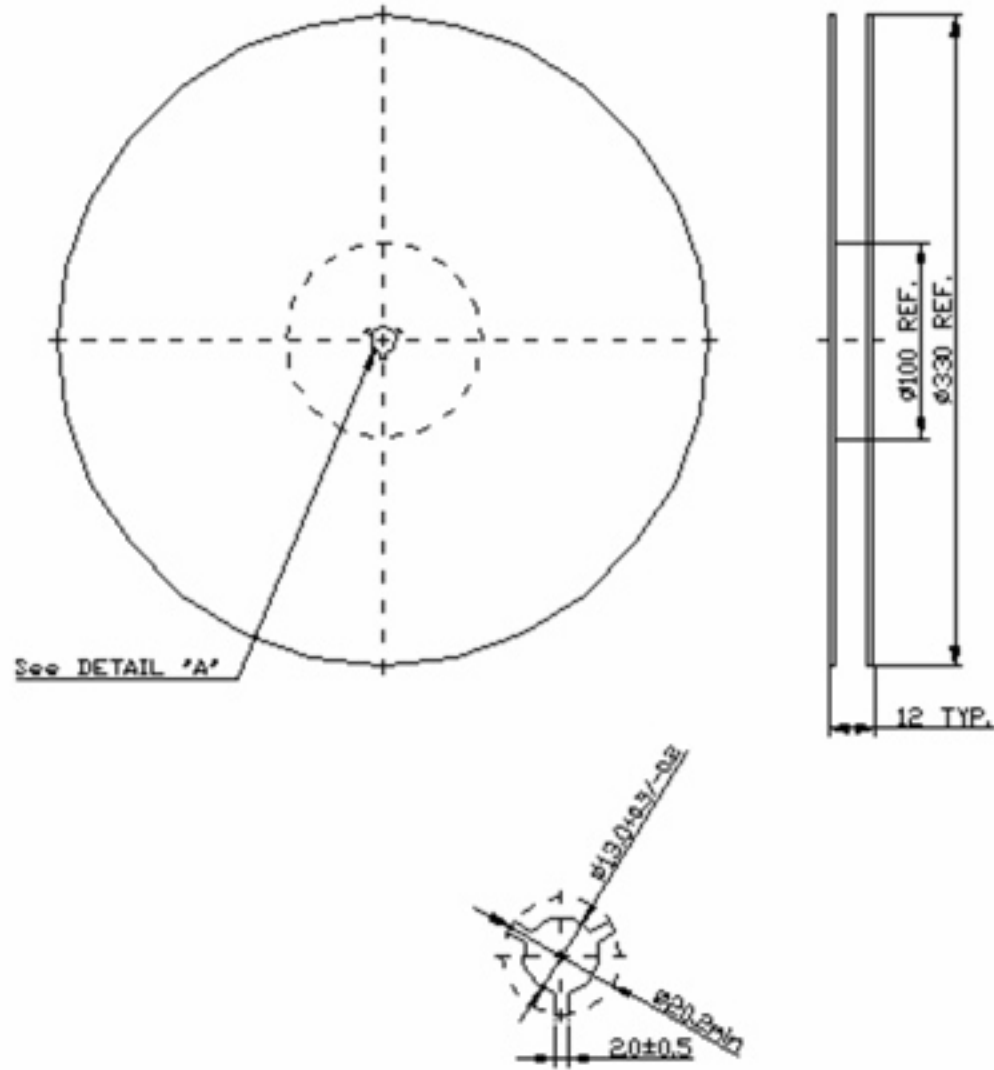
S22



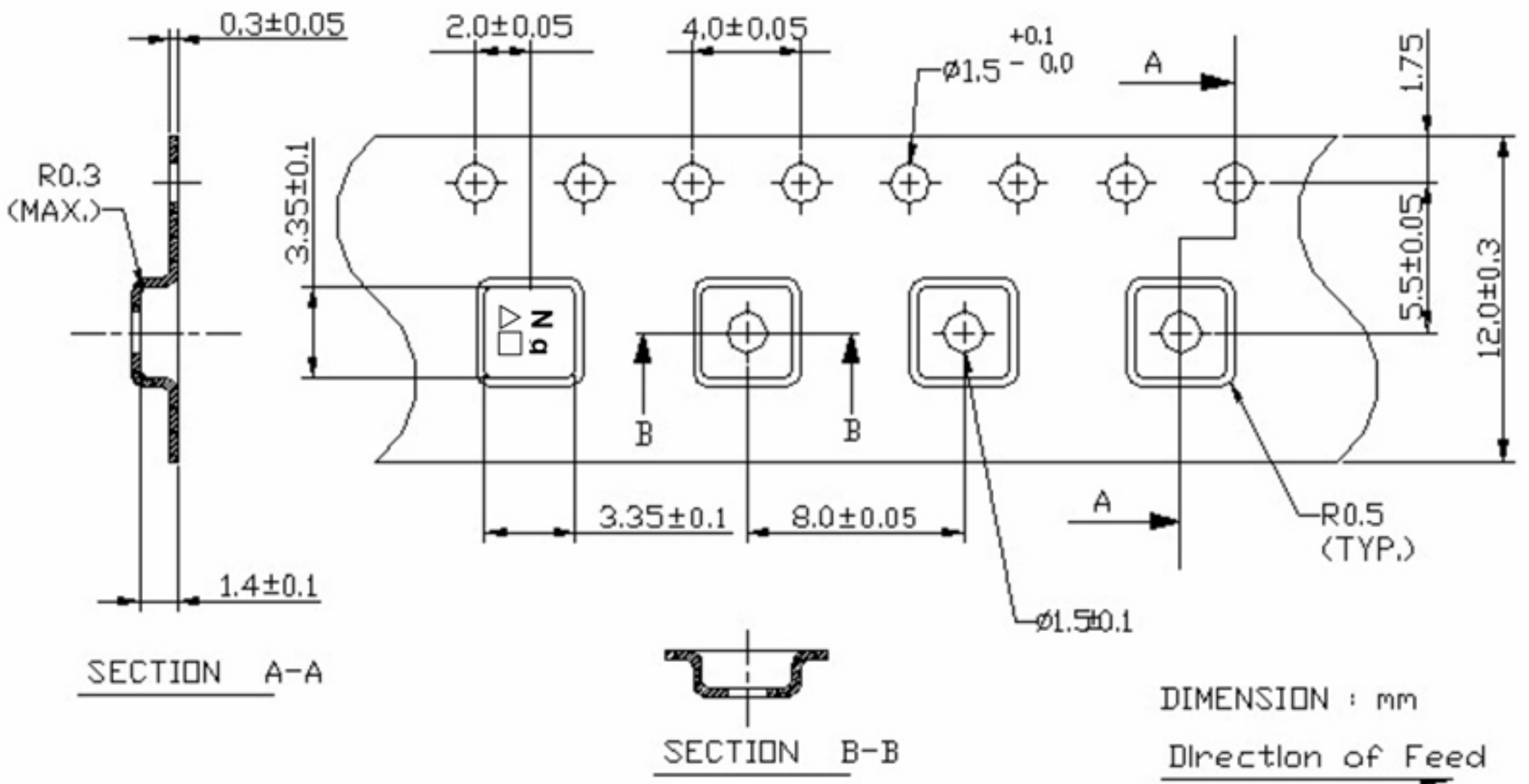
G. PACKING:

1. REEL DIMENSION

(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 245~260°C peak (min. 10sec).
4. Time: 2 times.

