

SAW Filter 802MHz

MODEL NO.:TA2374A

REV. NO : 1.0

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 3 V
3. Operating Temperature: -20°C to +85°C
4. Storage Temperature: -55°C to +125°C
5. Moisture Sensitivity Level: Level 1(**MSL1**)

RoHS Compliant
Lead free
Lead-free soldering

Electrostatic Sensitive Device (**ESD**)

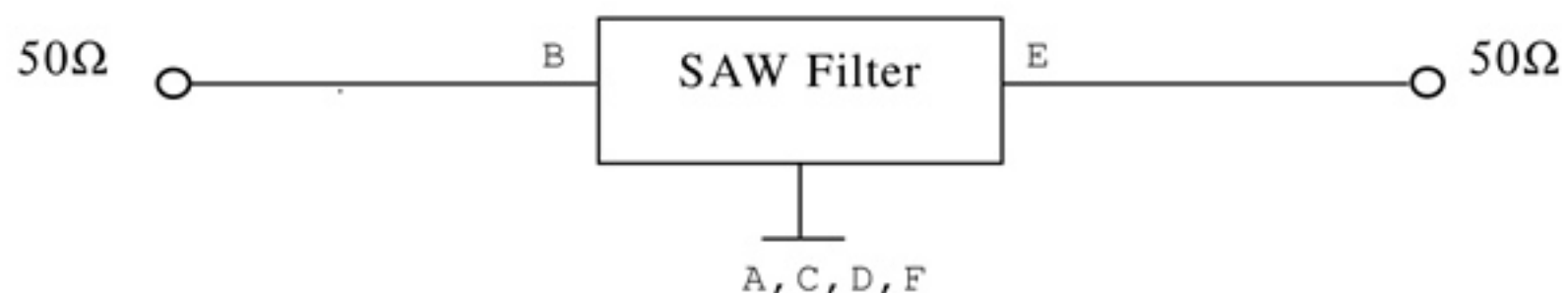
B. ELECTRICAL CHARACTERISTICS:

Ambient Temperature: 25°C

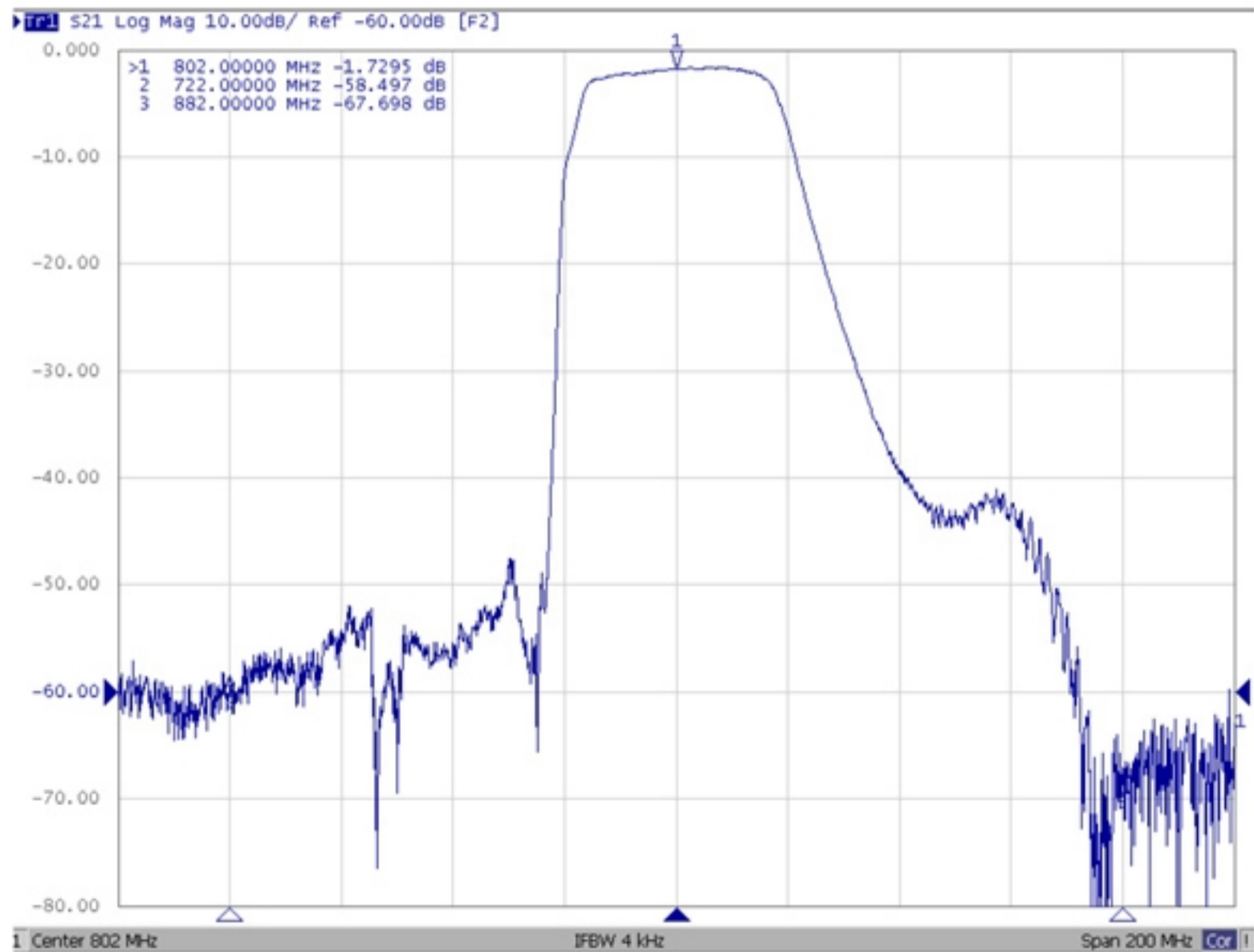
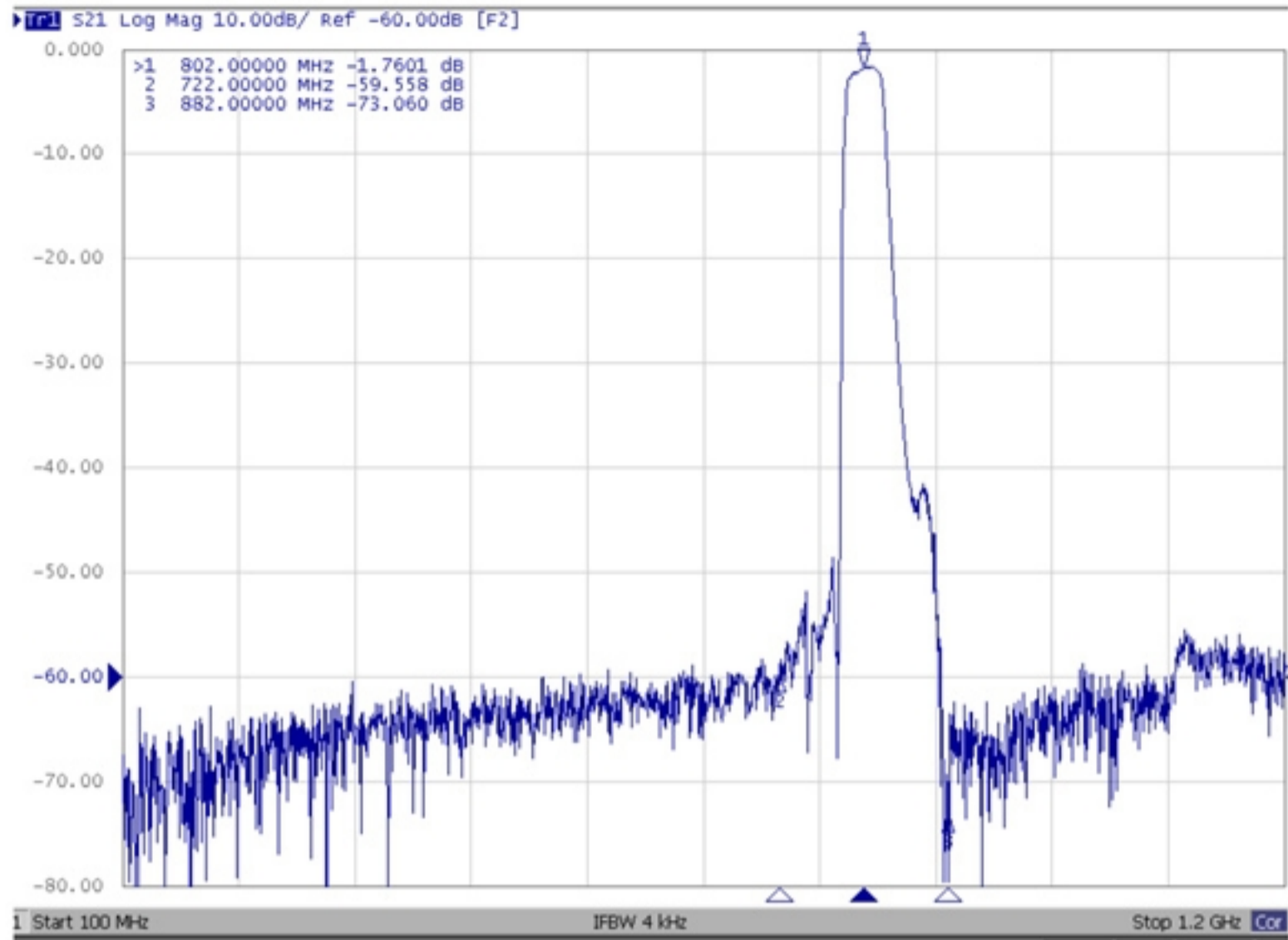
Item	Unit	Min.	Type.	Max.
Center frequency, F_c	MHz	-	802	-
Insertion Loss(794~810MHz) IL	dB	-	1.65	3.0
Pass band(794~810MHz)	MHz	16	32	-
Attenuation:(Reference level from 0 dB)				
100.00-722MHz	dB	50	58	-
882.00-1200MHz	dB	50	55	-
Temperature Coefficient	ppm/°C	-	-36	-
Source Impedance	Ohm	-	50	-
Load Impedance	Ohm	-	50	-

C. MEASUREMENT CIRCUIT:

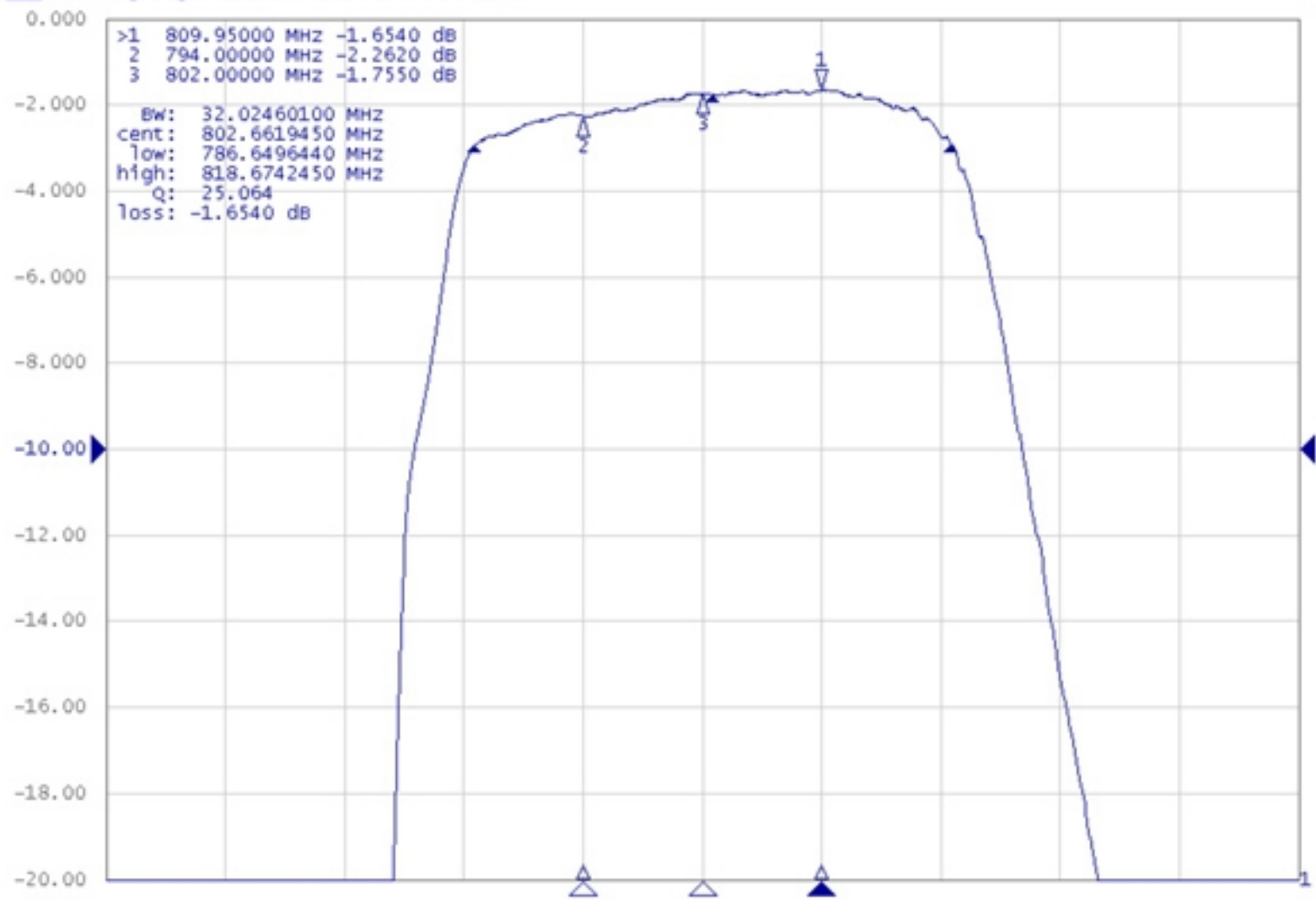
HP Network analyzer



D. FREQUENCY CHARACTERISTICS:

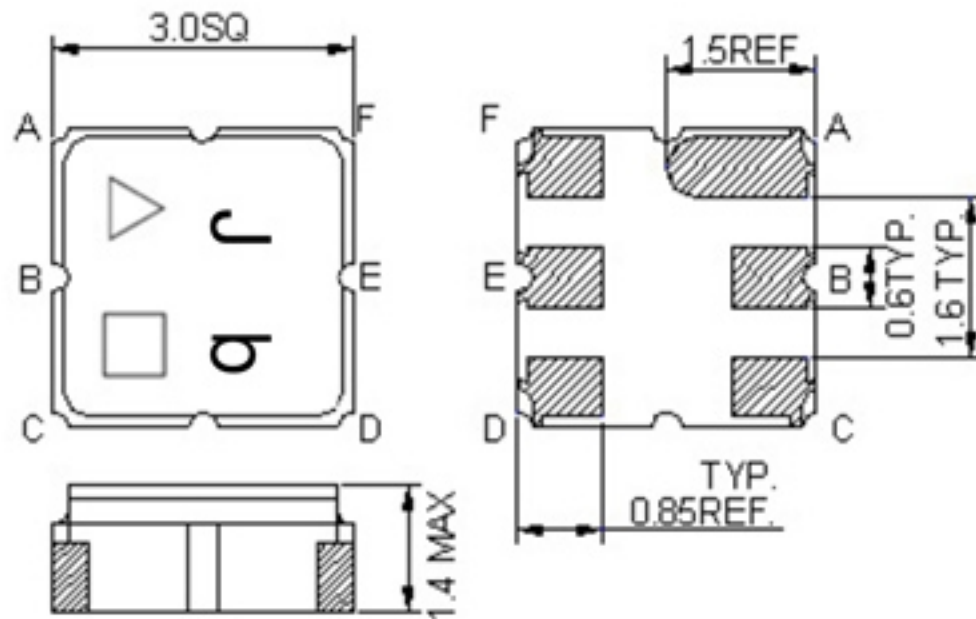


▶ **[F2]** S21 Log Mag 2.000dB/ Ref -10.00dB [F2]



Center 802 MHz IFBW 4 kHz Span 80 MHz

E. OUTLINE DRAWING:



B: Input
E: Output
A, C, D, F: Ground
Unit: mm

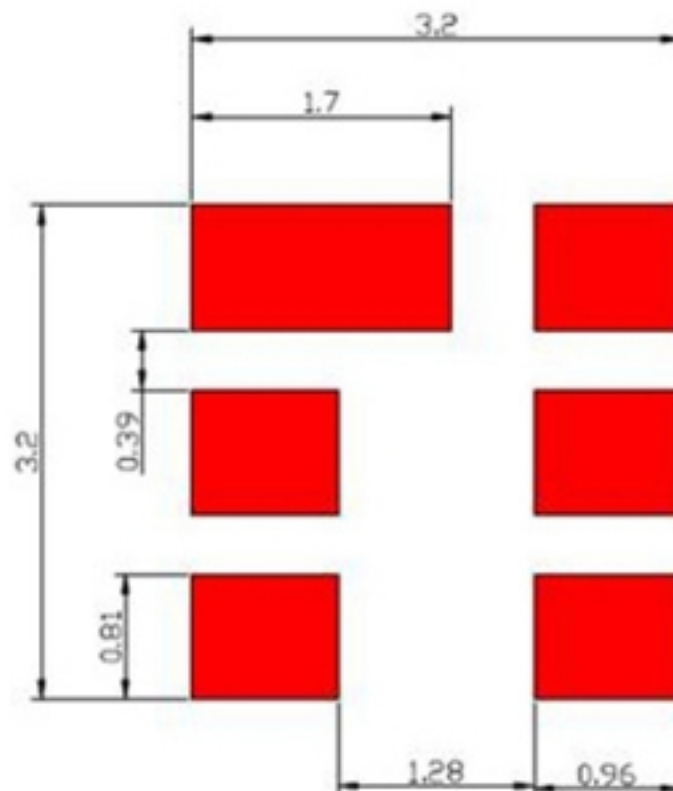
△ : Year Code (2011->1, 2012->2, ..., 2019->9, 2020->0)

□ : Date Code

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

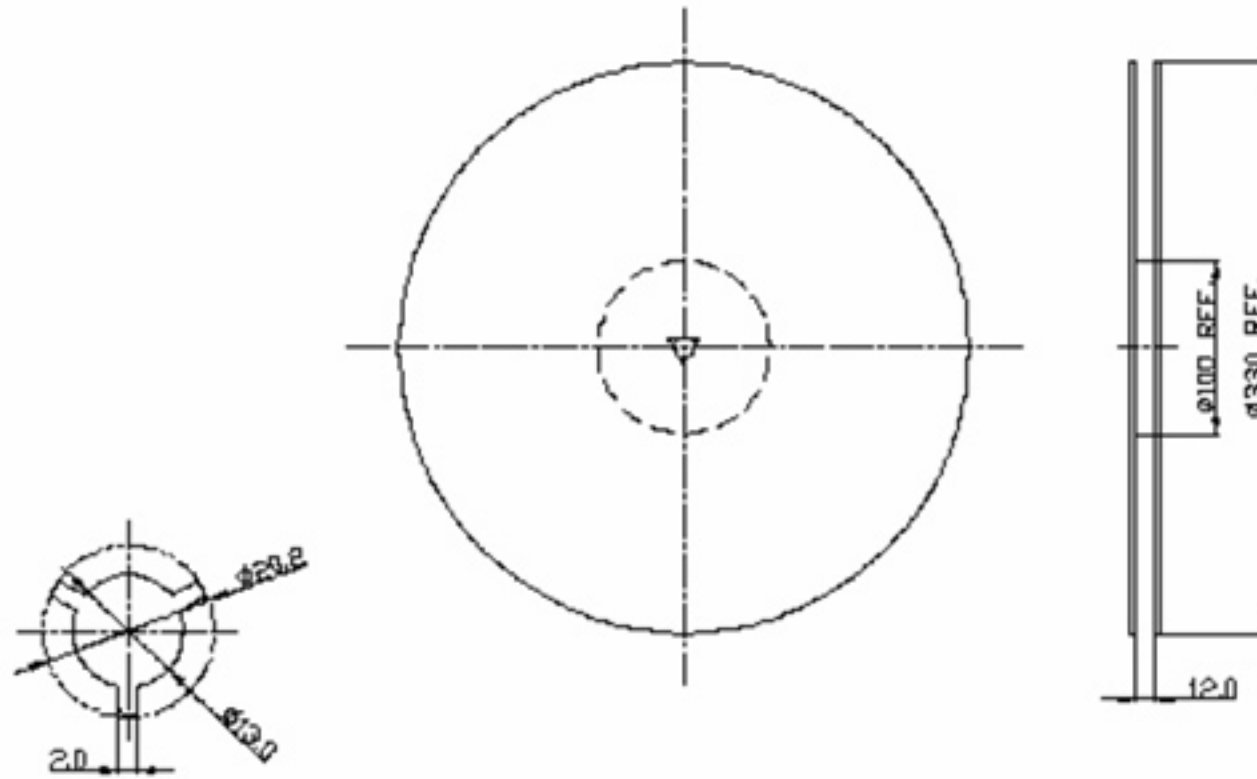
F. PCB FOOTPRINT:



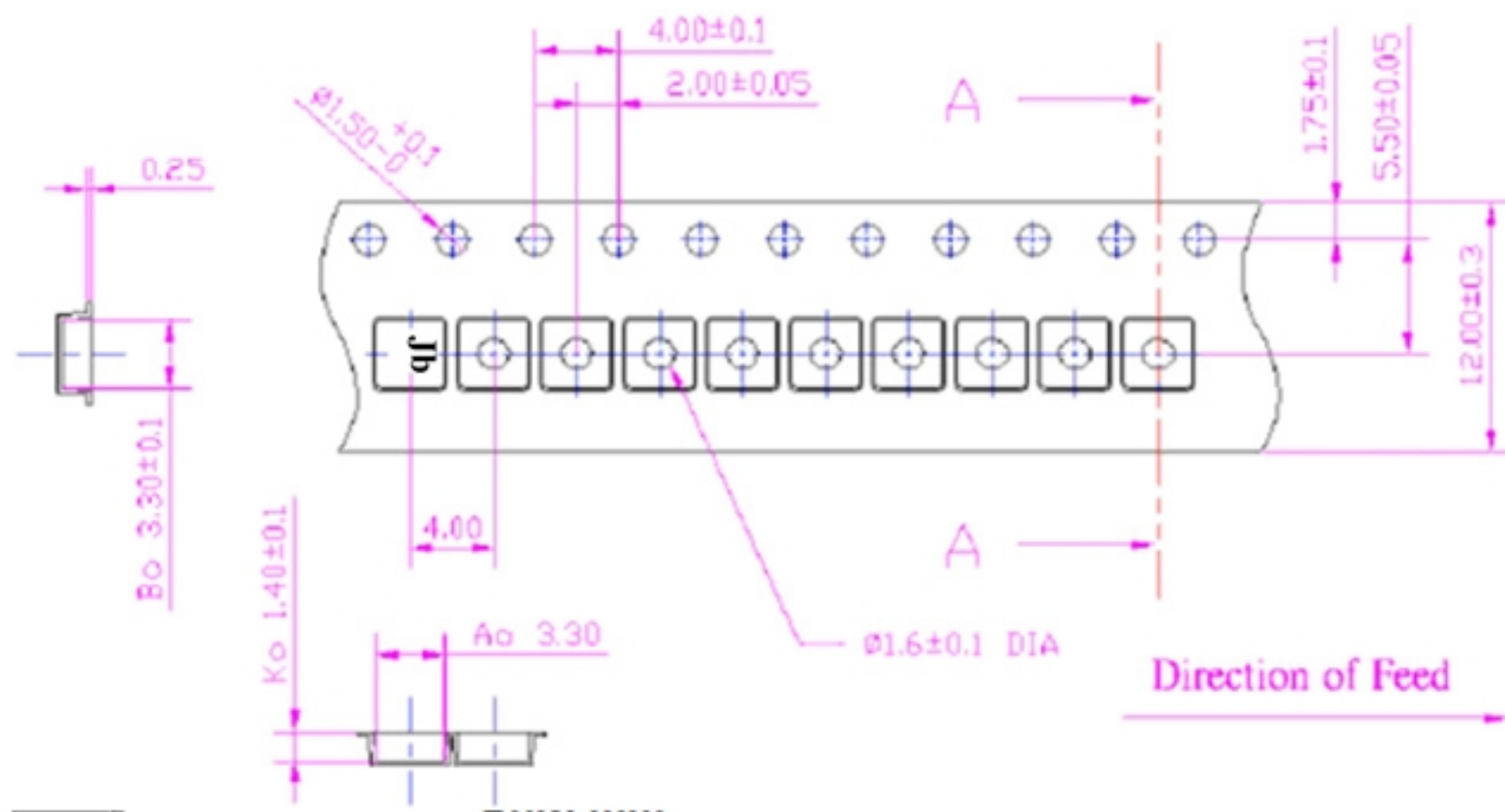
G. PACKING:

1. REEL DIMENSION

(Please refer to FR-75D10 for packing quantity and FR-75M03 for MSL)



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.

