

SAW Filter 1882.50MHz
Part No: MP04233

Model: TA1074A
Rev No: 2

A. MAXIMUM RATING:

Electrostatic Sensitive Device (ESD)

1. Input Power Level: +12dBm
2. DC Voltage: 3V
3. Operating Temperature: -25°C to +85°C
4. Storage Temperature: -40°C to +85°C

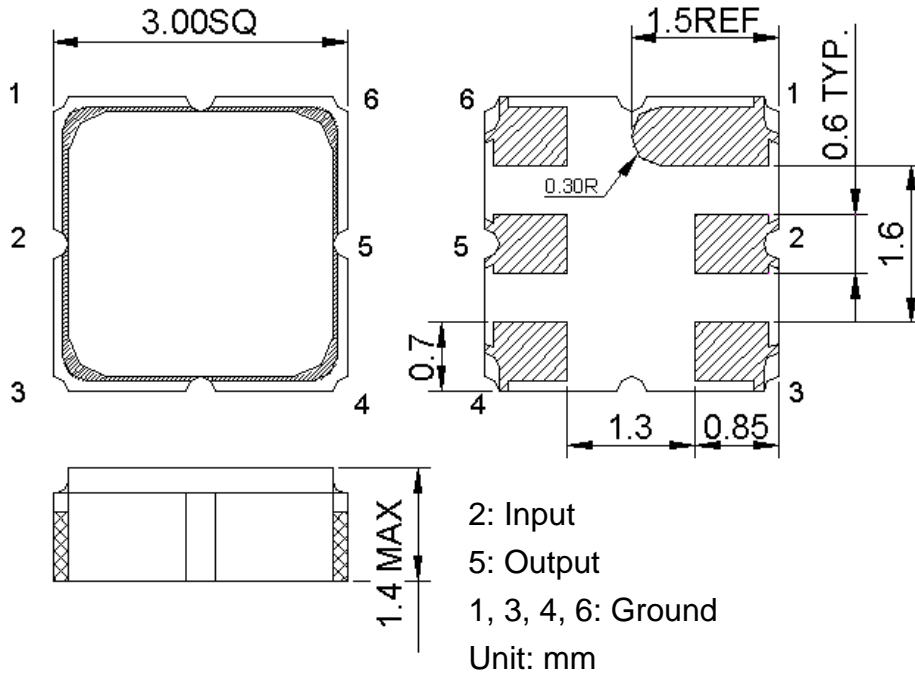
B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	1882.5	-	-
Insertion Loss (1850 ~ 1915MHz) IL	dB	-	2.6	3.5	-
Amplitude Ripple (1850 ~ 1915MHz)	dB	-	1.5	2.2	-
Return Loss (1850 ~ 1915MHz)	dB	8.5	10	-	-
Attenuation (Reference level from 0dB)					
800 ~ 1400MHz	dB	24	30	-	-
1400 ~ 1475MHz	dB	25	31	-	-
1930 ~ 1940MHz	dB	5	10.5	-	-
1940 ~ 3000MHz	dB	20	35	-	-
Temperature coefficient of frequency TCf	-36ppm/K				

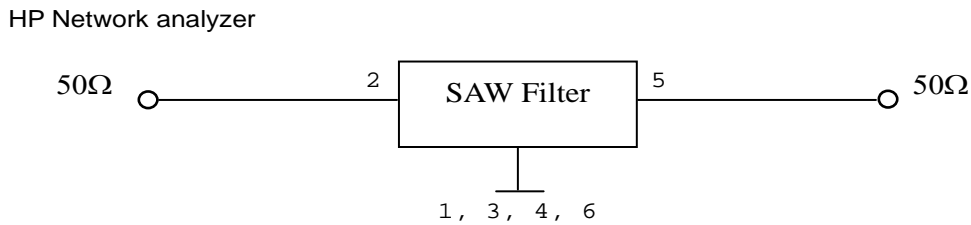
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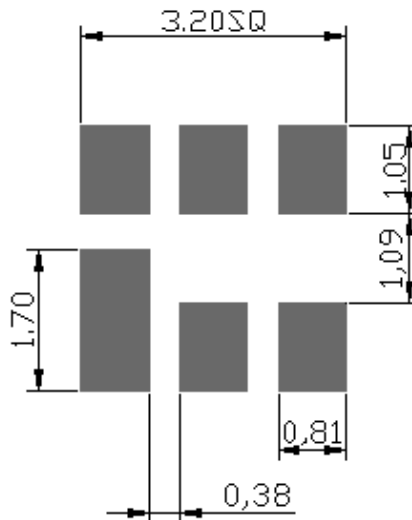
C. OUTLINE DRAWING:



D. MEASUREMENT CIRCUIT:



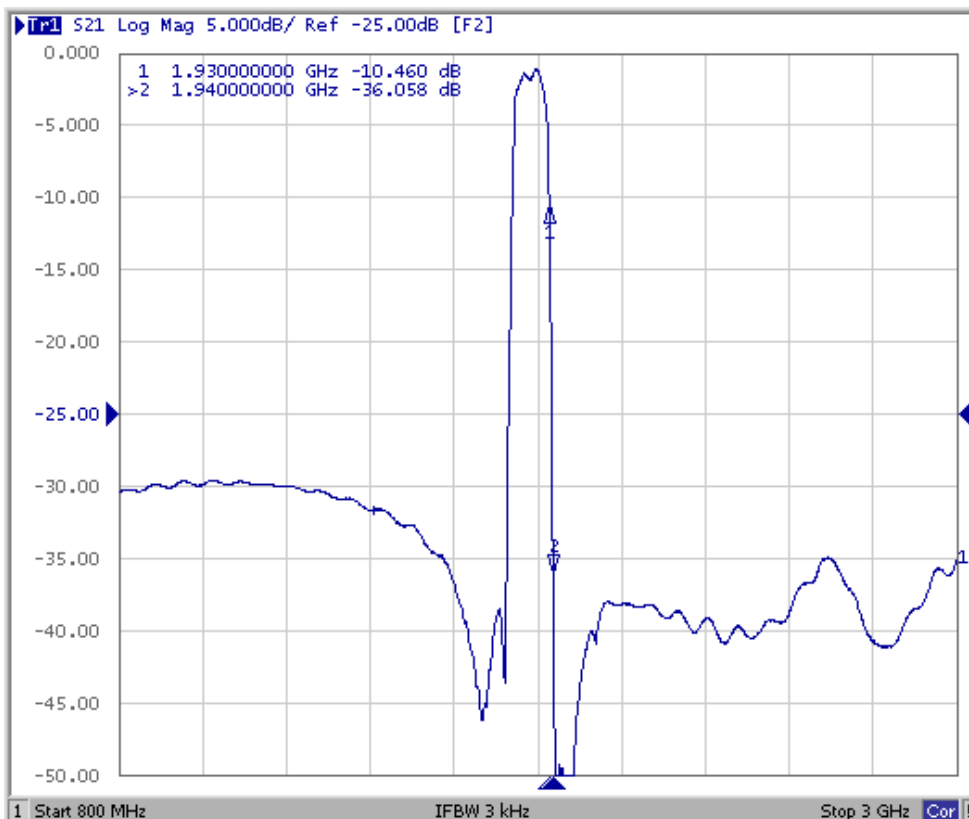
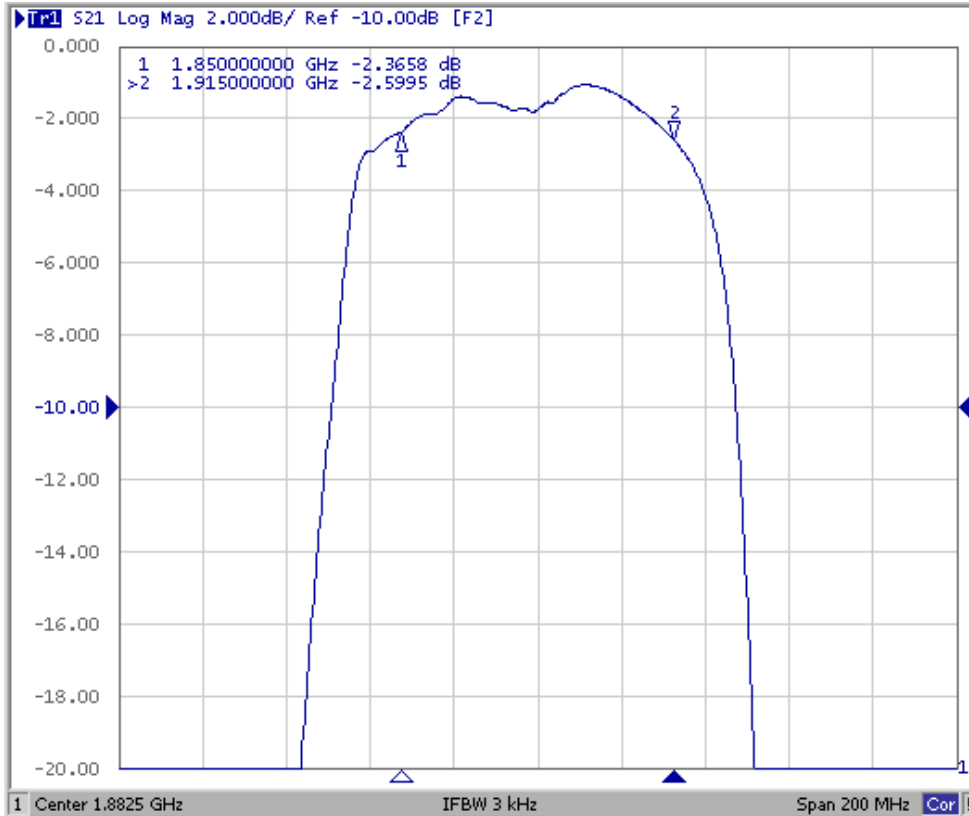
E. PCB FOOTPRINT:



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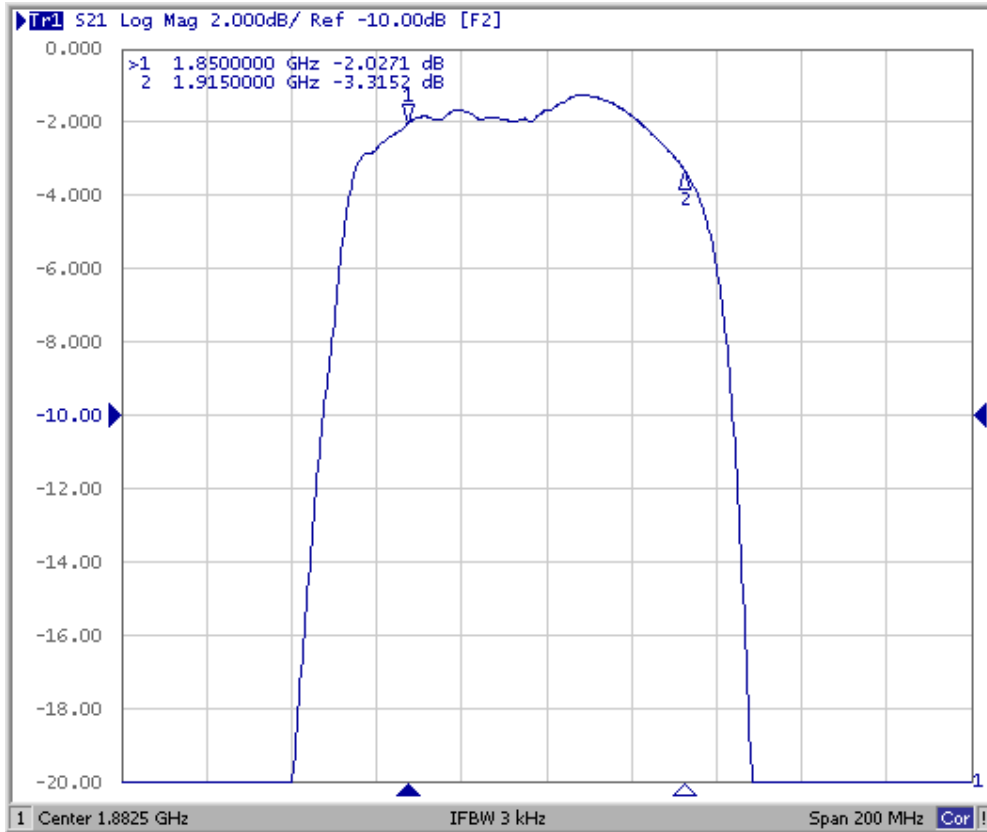
F. FREQUENCY CHARACTERISTICS:



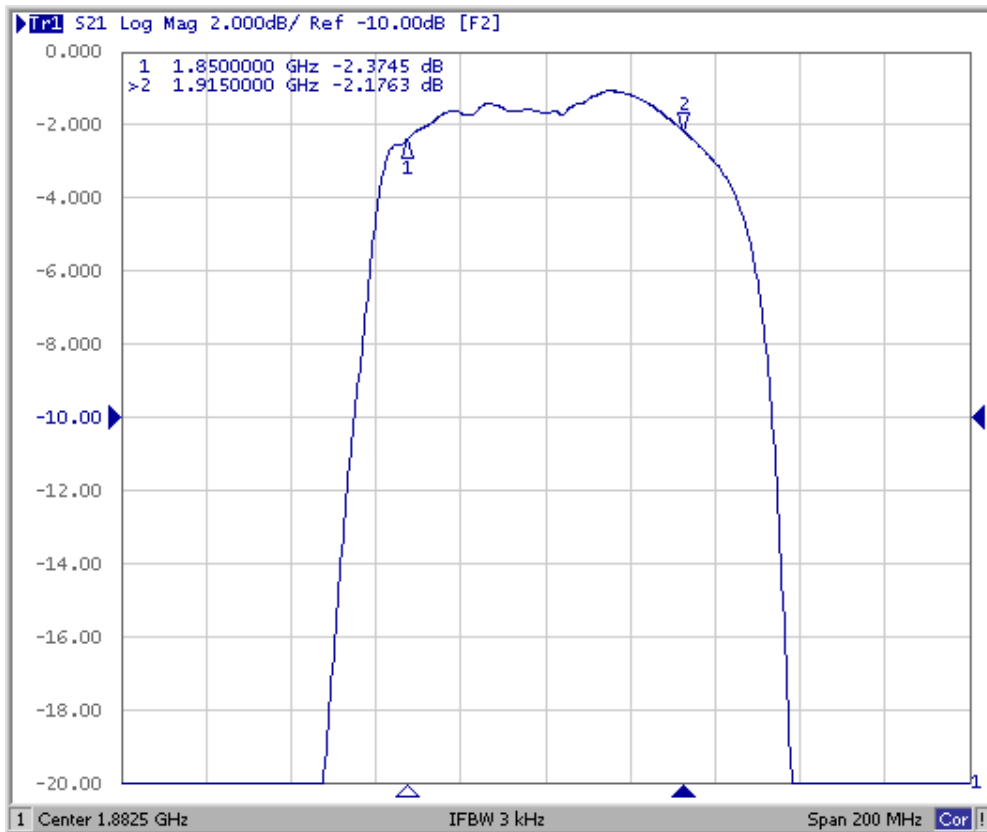
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1. At +85°C:



2. At -25°C:

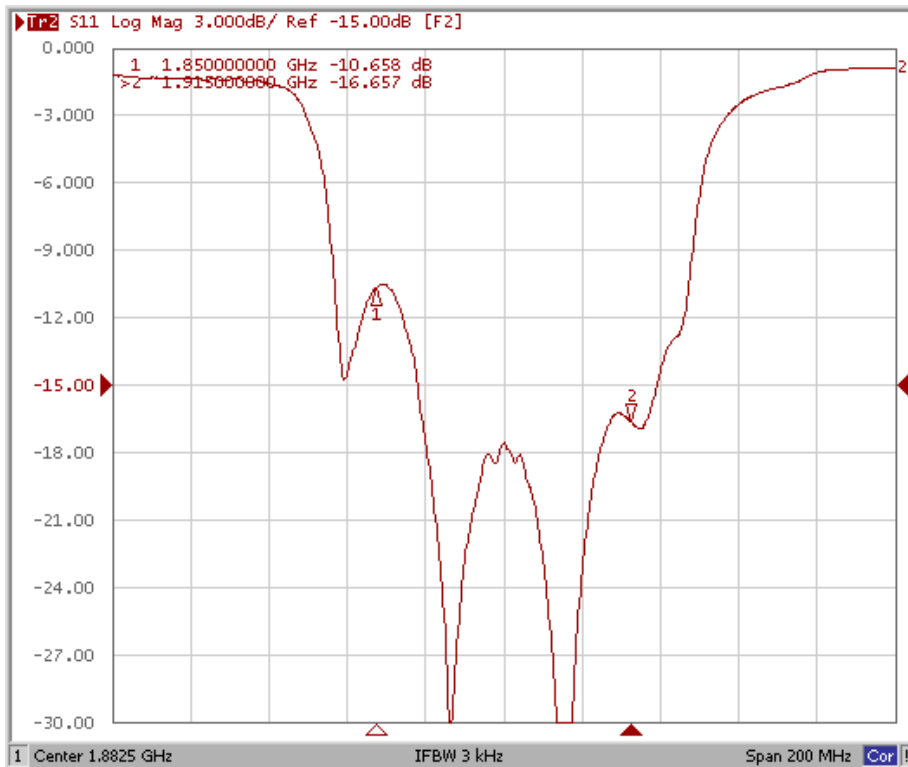


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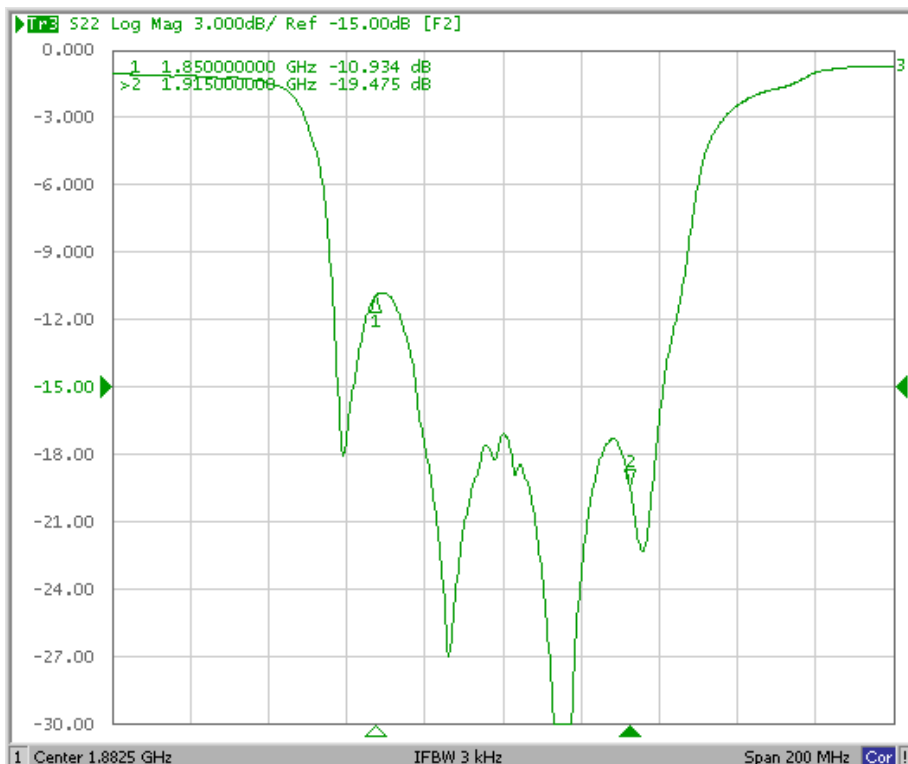
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3. Reflection Functions:

S11



S22

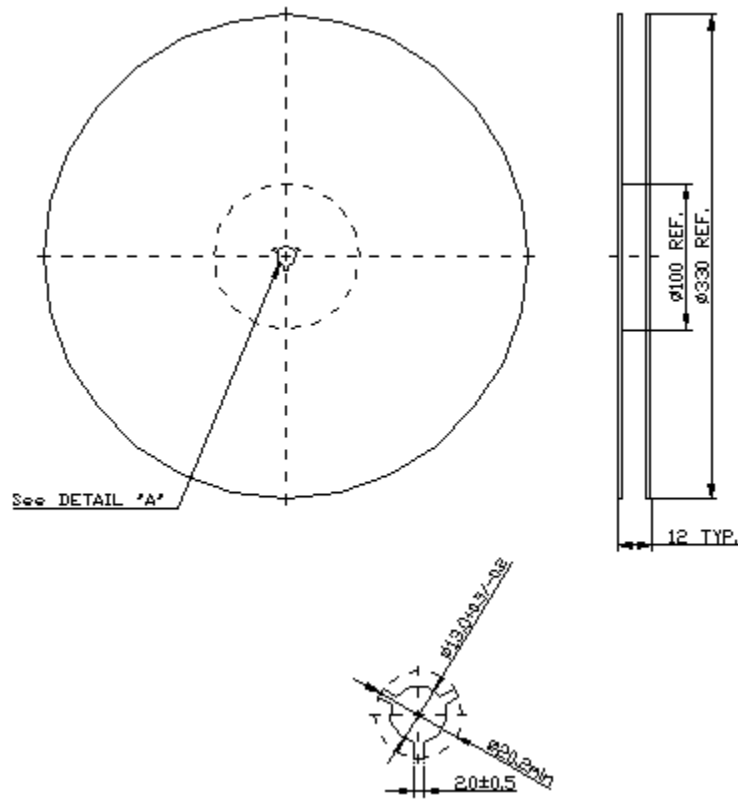


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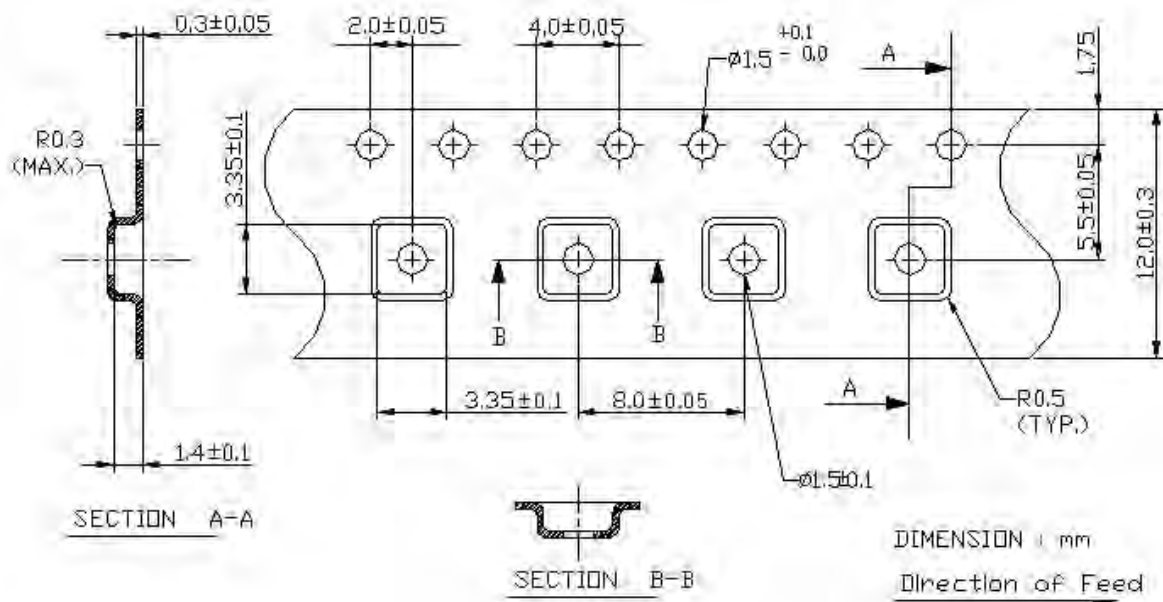
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G. PACKING:

1. Reel Dimension:



2. Tape dimension:



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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.

