

Specification for Approval

产 品 承 认 书

Customer Name : _____
客户名称

Customer P/N : _____
客户型号

P/N : _____
型号

Product Series : ACM1211-Series
产品系列

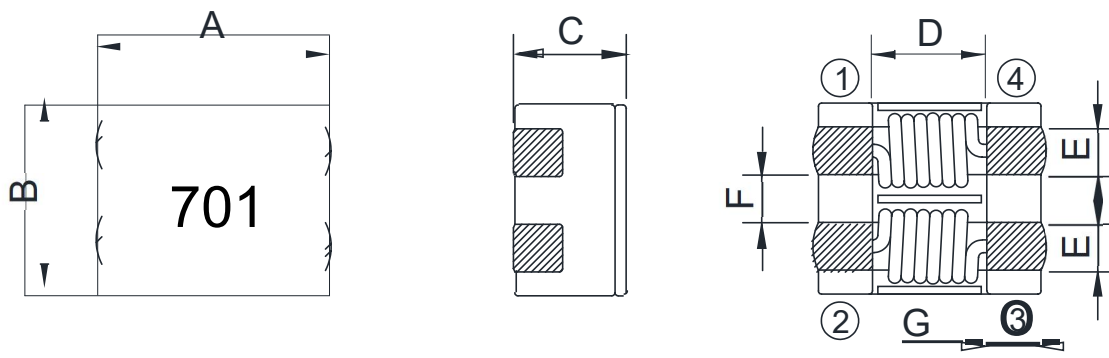
Spec No. : _____
承认书编号

Prepared 拟 制	Checked 审 核	Approved 批 准
Date 日期	2023-08-08	

Approved by Customer 客 户 承 认	
Date 日期	

1.Appearance and dimensions (mm)

外形尺寸

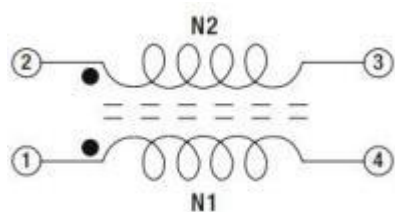


Note: Printing white characters or laser marking
印白字或激光打标

Item	A	B	C	D	E	F	G
Dim	12.1	10.8	6.5	7.0	2.7	2.5	2.5
Tole	±0.5	±0.5	Max	Typ	±0.4	±0.3	±0.3

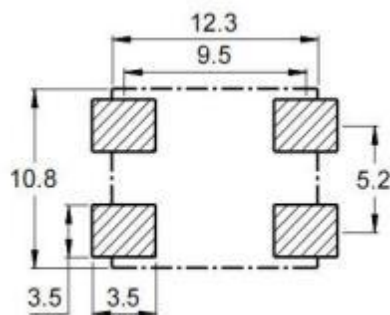
2.Schematic

原理图



3.Reference land pattern (mm)

参考基板尺寸



4. Electrical Properties

电气特性

Part Number 型号	Inductance (uH) Typ 电感值	Impedance 阻抗值		D.C.R (mΩ) Max. 直流电阻	Rated Current (A) Max. 额定电流	Rated Voltage (Vdc) Max. 额定电压	Insulation Resistance (MΩ) Min. 绝缘电阻
		Min. Value (Ω)	Typ. Value (Ω)				
ACM1211-800-2PL-TL	1.4	80	230	2	12.0	125	10
ACM1211-231-2PL-TL	1.4	80	230	3	12.0	125	10
ACM1211-101-2PL-TL	1.4	100	230	3	12.0	125	10
ACM1211-301-2PL-TL	2.5	175	350	4	10.0	125	10
ACM1211-501-2PL-TL	4.0	300	500	5	10.0	125	10
ACM1211-701-2PL-TL	7.7	500	700	6	8.0	125	10
ACM1211-801-2PL-TL	9.8	600	800	8	8.0	125	10
ACM1211-102-2PL-TL	12.0	750	1000	12	6.0	125	10
ACM1211-152-2PL-TL	14.5	1200	1500	20	5.0	125	10
ACM1211-202-2PL-TL	17.5	1700	2000	25	4.0	125	10
ACM1211-222-2PL-TL	21.5	2200	2500	35	3.0	125	10
ACM1211-272-2PL-TL	29.0	2300	2700	50	2.0	125	10

(1). Inductance test condition: 100KHz/0.1V, All data is tested based on 25°C ambient temperature.

电感量测试条件: 100KHz/0.1V, 所有数据都是根据 25°C 环境温度下测试。

(2). Impedance measure condition at 100MHz, 0.1V.

共模阻抗测量条件为: 100MHz, 0.1V。

(3). Rated current: the value of DC current when the temperature rise is $\Delta T 40^{\circ}\text{C}$ ($T_a = 25^{\circ}\text{C}$).

额定电流: 使产品温度上升到 $\Delta T 40^{\circ}\text{C}$ 时所加载的直流电流值 ($T_a = 25^{\circ}\text{C}$)。

(4). Operating Temperature: -40°C to $+125^{\circ}\text{C}$ (Temperature rise included).

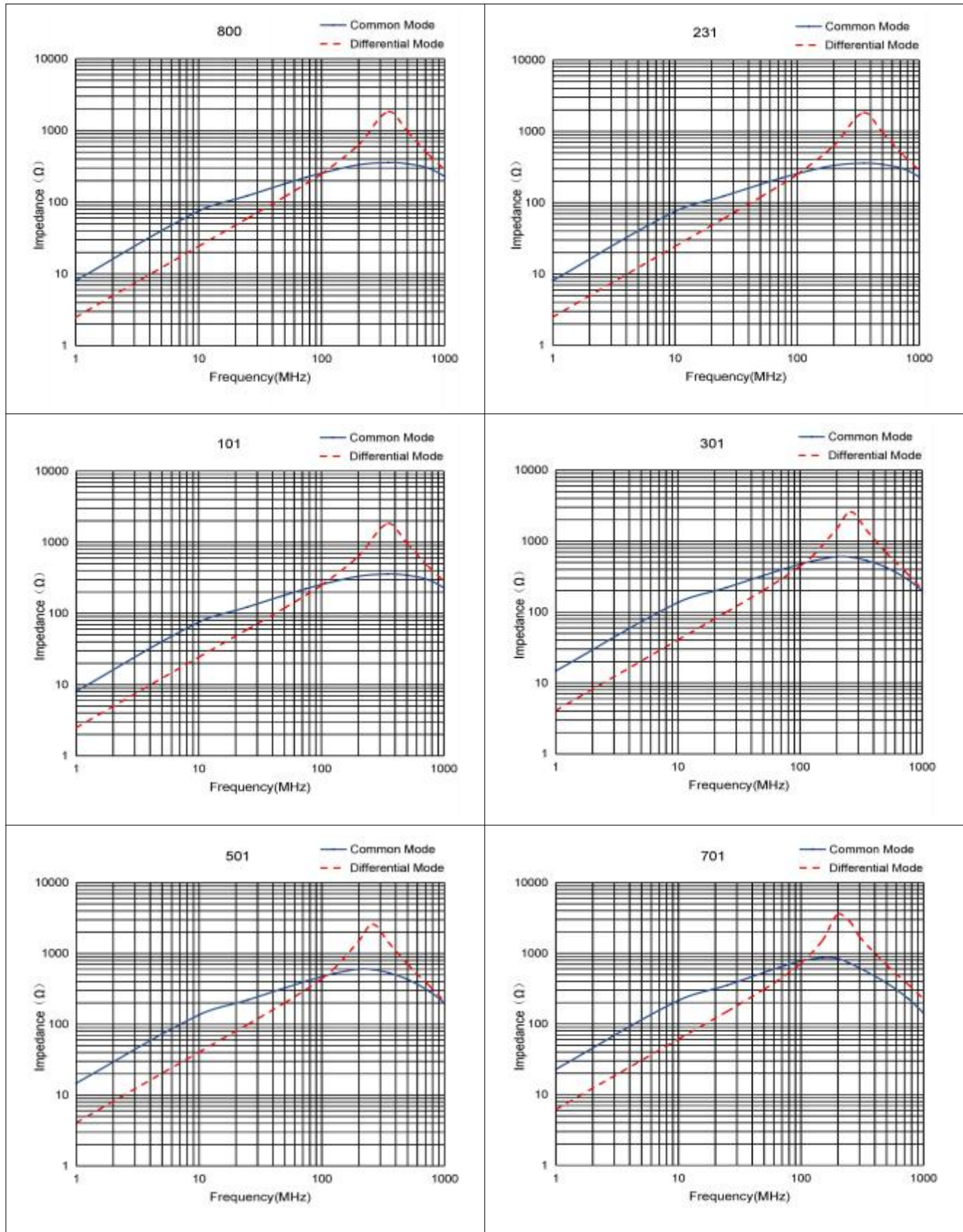
工作温度: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$ (包括温升)。

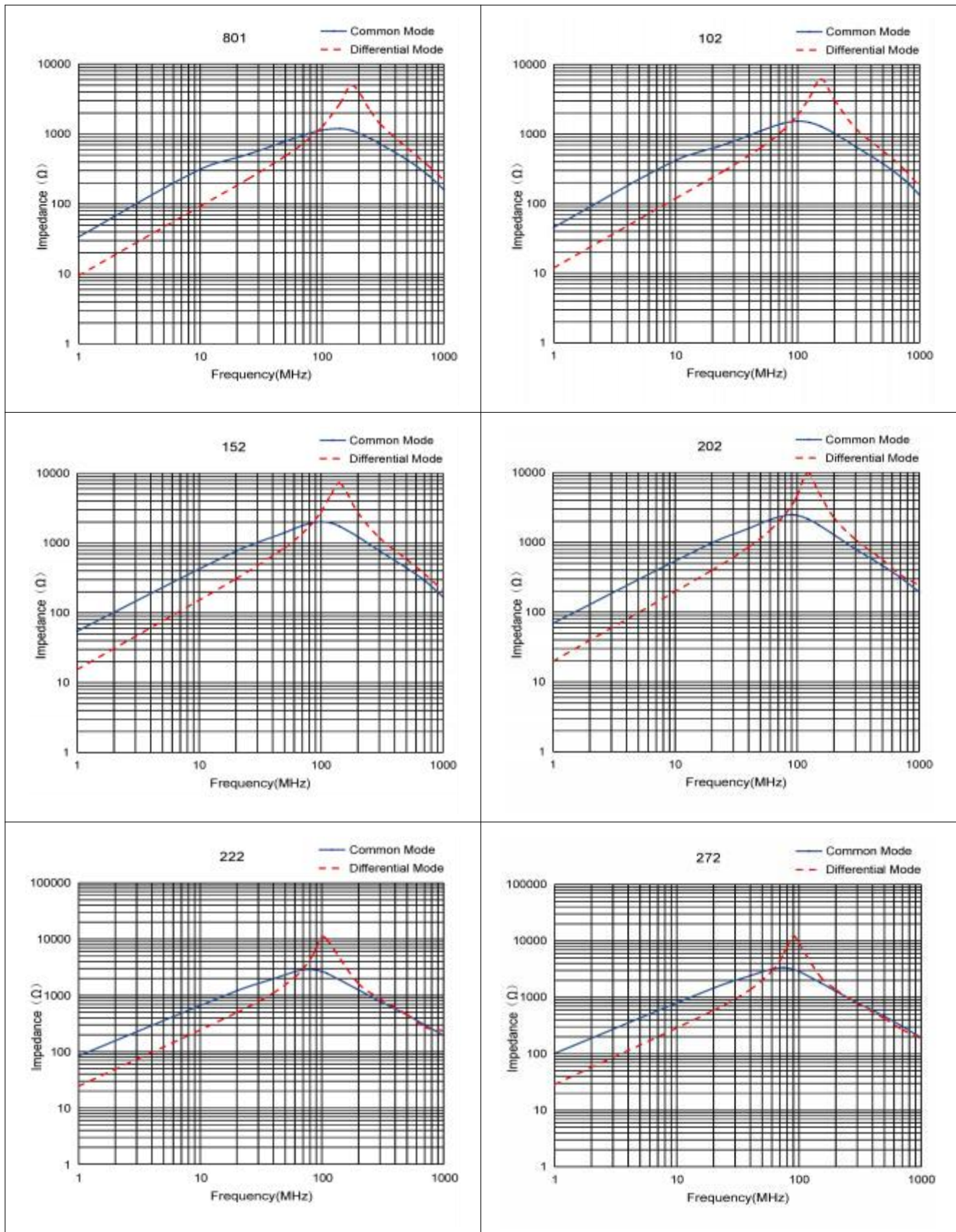
(5). Storage condition: Temperature 5 to 40°C , $\text{RH} \leq 70\%$.

储存条件: 温度 5~ 40°C , 相对湿度小于等于 $\leq 70\%$ 。

5.Impedance vs Frequency Curve

阻抗值 VS 频率曲线





6.Material list

材料清单

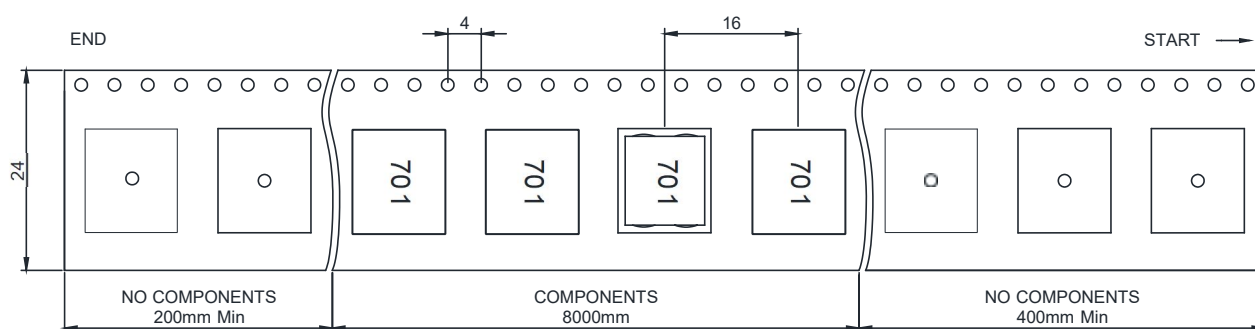
No. 编号	ITEM 项目	DESCRIPTION 描述
1	CORE	FERRITE
2	COVER	LCP E4008
3	WIRE	2UEW-H
4	ADHESIVE	FH-5890
5	TIN	Sn100%
6	INK	WHITE

7.Packing Specification

包装规格

(1).Tape Direction (mm)

编带方向



(2).Cover Tape Peel Off Condition

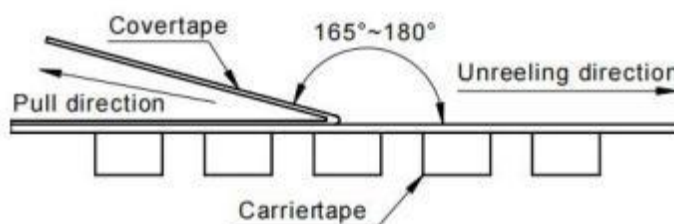
盖带剥离条件

■ Cover tape peel force shall be 10g to 130g.

盖带剥离力度为 10~130 克

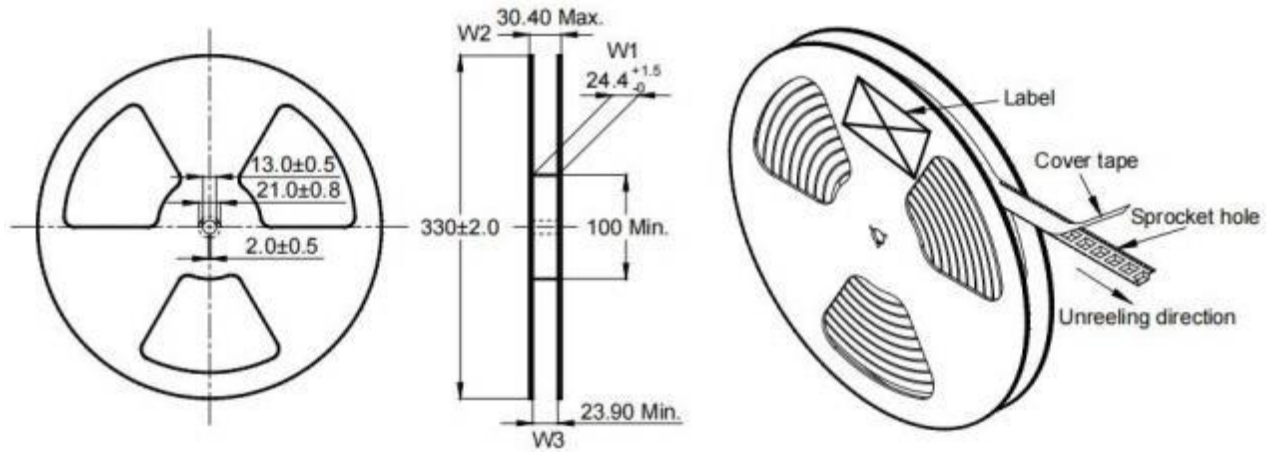
■ Reference peel speed 300±10mm/min.

参考剥离速度为 300±10mm/分钟



(3). Reel Dimensions (mm)

卷盘尺寸(mm)



(4). Carton Dimensions and Packing Quantity

包装箱尺寸和包装数量

■ Inner Carton : 340x340x70 mm

内包装盒

■ Out Carton : 360x360x240mm

外包装箱

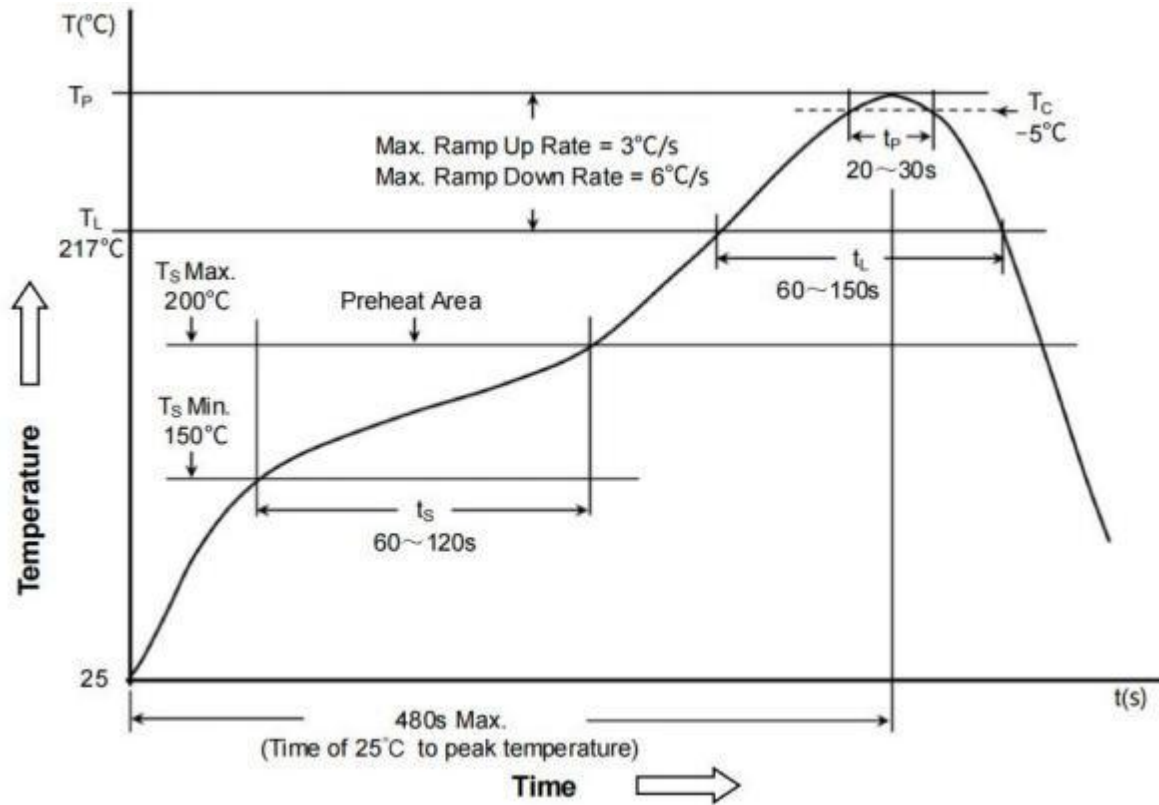
Product Series	Quantity / Reel	Inner Carton Quantity	Out Carton Quantity
ACM1211-102-2P-TL	500pcs	(500x2) = 1000pcs	(1000x3) = 3000pcs

8. Soldering Specification

焊接规格

(1). Reflow Profile for SMT Components

SMT 焊锡温度曲线



(2) .Classification of Peak Package Body Temperature (T_P)

封装体峰值温度 (T_P)分类

	Package Thickness 封装厚度	Package Volume 封装体积		
		<350 mm ³	350~2000 mm ³	>2000 mm ³
PB-Free Assembly 无铅装配	<1.6mm	260°C	260°C	260°C
	1.6~2.5 mm	260°C	250°C	245°C
	≥2.5mm	250°C	245°C	245°C

■ Reflow is referred to standard IPC/JEDEC J-STD-020D.

回流焊参照标准 IPC/JEDEC J-STD-020D。