

CORPORATION

承 认 书

SPECIFICATION FOR APPROVAL

客户

CUSTOMER: 存货编码:

品 名

DESCRIPTION: ACM9070 Series 客户料号:

环保状态: ☐RoHS ☒RoHS+HF ☒RoHS+HF+FP

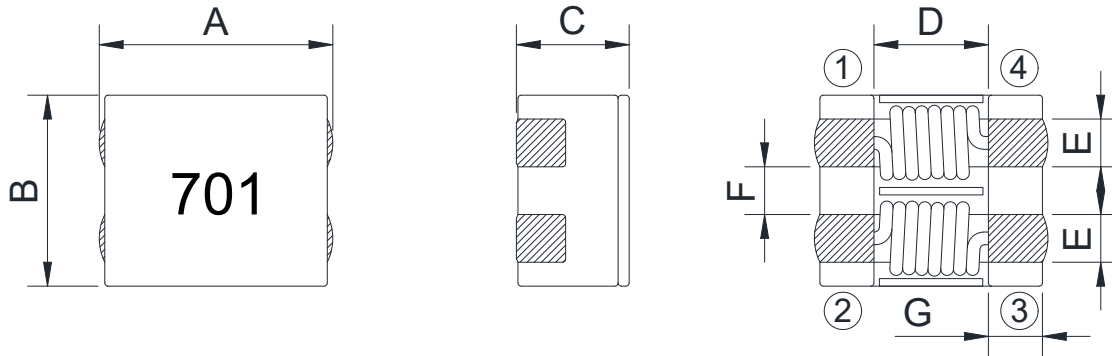
环保资料:

出 图 DRAWING		
发 行 MADE	检 查 CHECKED	承 认 APPROVED
DATE:		

承 CUSTOMER	认 APPROVE

1.Appearance and dimensions (mm) 外形尺寸

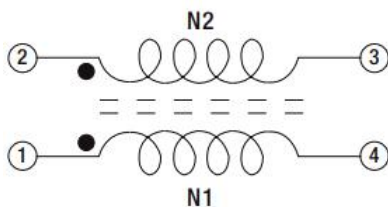
Common Mode Choke



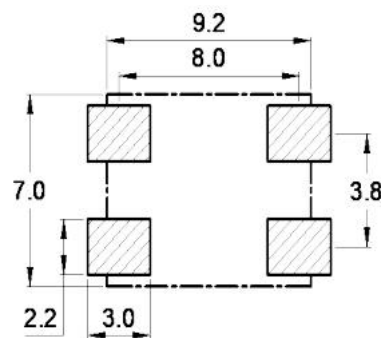
Note: Printing white characters or laser marking
印白字或激光打标

Item	A	B	C	D	E	F	G
Dim	9.0	7.0	4.8	5.6	1.8	2.0	1.7
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) ± 50 % 电感值	Impedance 阻抗值 100MHz/0.1V		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)				
ACM9070-301-2PL-TL0	1.4	225	300	6	6.0	80	10
ACM9070-501-2PL-TL0	2.2	450	600	8	5.5	80	10
ACM9070-701-2PL-TL0	3.2	500	700	10	5.0	80	10
ACM9070-102-2PL-TL0	5.6	750	1000	13	4.0	80	10
ACM9070-132-2PL-TL0	7.0	1000	1300	20	3.5	80	10
ACM9070-152-2PL-TL0	7.2	1200	1500	20	3.5	80	10
ACM9070-102-2PL-TL0	9.0	1500	2000	30	3.5	80	10
ACM9070-222-2PL-TL0	10.8	1700	2200	50	3.0	80	10
ACM9070-272-2PL-TL0	12.8	2000	2700	80	2.0	80	10
ACM9070-302-2PL-TL0	15.0	2500	3000	80	2.0	80	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:100KHz0.1V，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 AT40°C(Ta=25°C).

额定电流: 使产品温度上升到ΔT40°C 时所加载的直流电流值(Ta=25°C)。

(4).Operating Temperature: -40°C to +125°C (Temperature rise included).

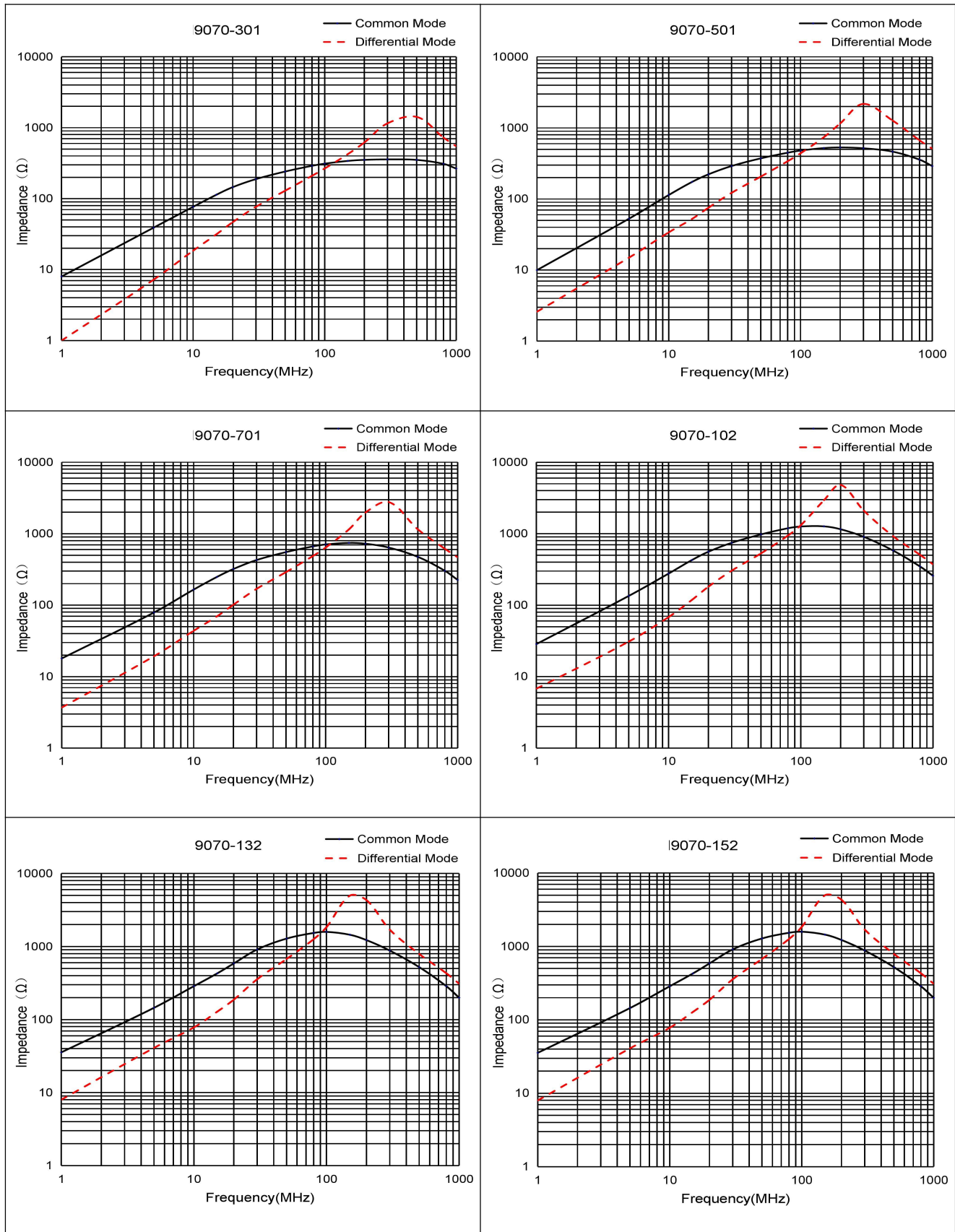
工作温度: -40°C ~ +125°C (包括温升)。

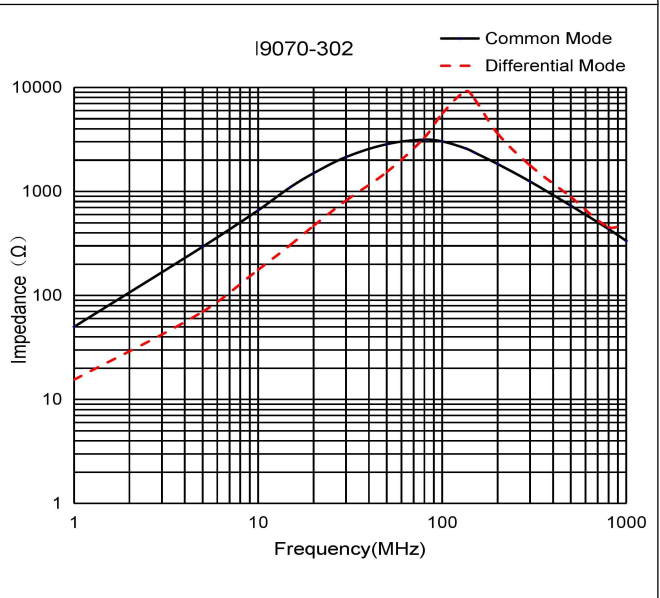
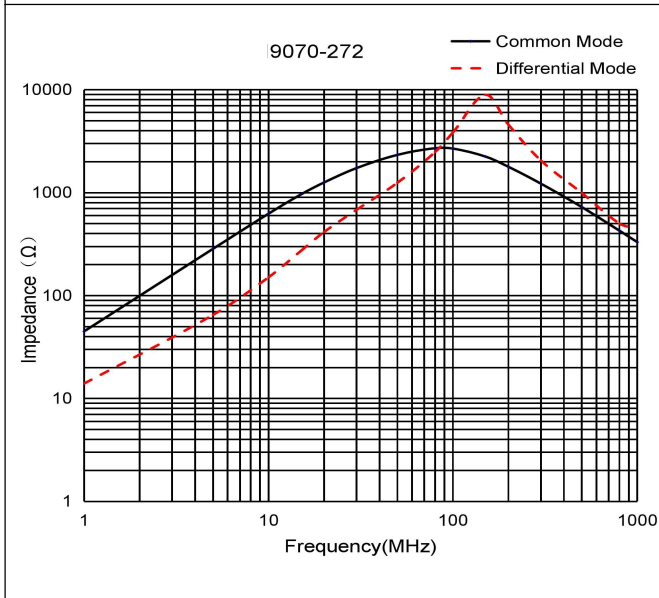
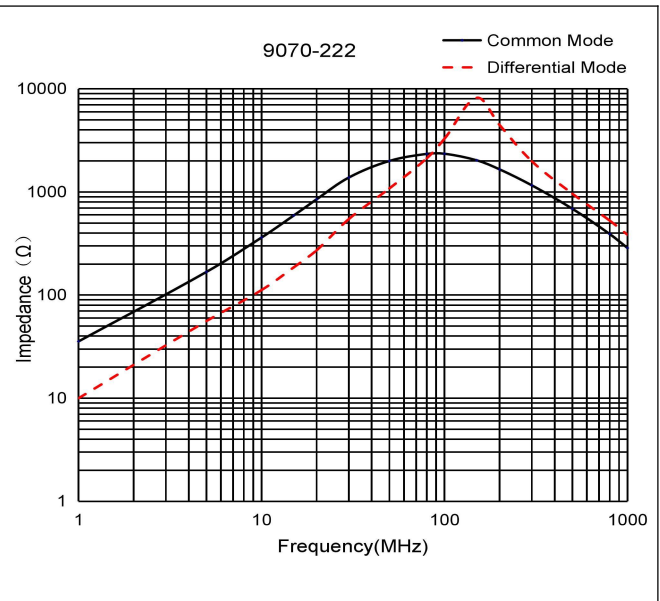
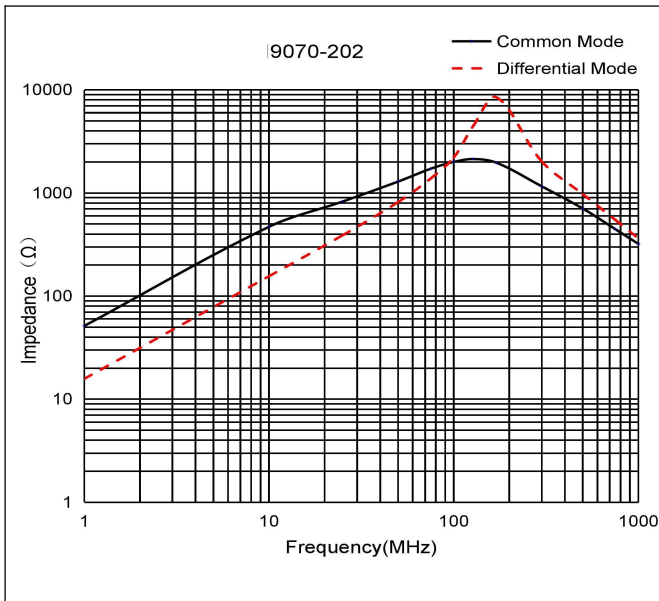
(5).Storage condition: Temperature 5 to 40°C, RH≤70%.

储存条件: 温度 5~-40°C，相对湿度小于等于≤70%。

5.Impedance vs Frequency Curve

阻抗值 VS 频率曲线





6.Material list

材料清单

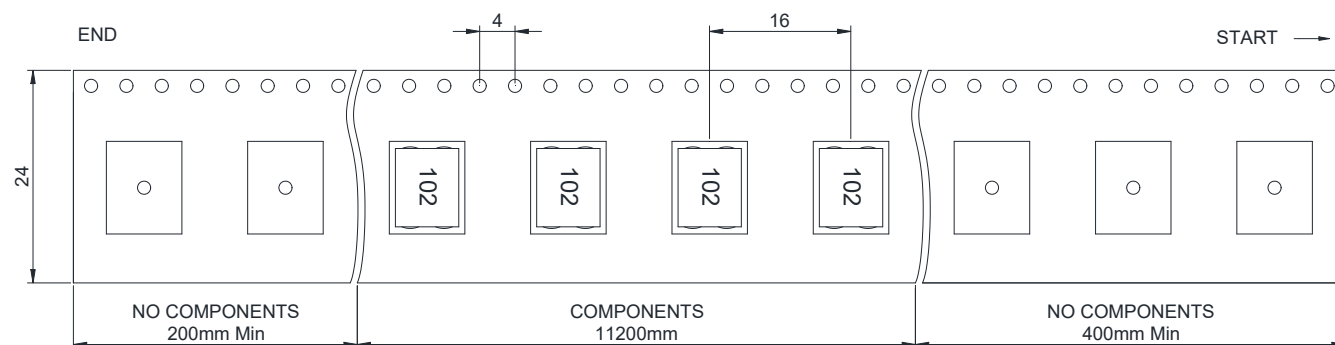
No. 编号	ITEM 项目	DESCRIPTION 描述
1	CORE	FERRITE
2	COVER	LCP E4008
3	WIRE	2UEW-H
4	ADHESIVE	FH-5890
5	TIN	Sn100%
6	INK	WHITE

7.Packing Specification

包装规格

(1).Tape Direction (mm)

编带方向



(2).Cover Tape Peel Off Condition

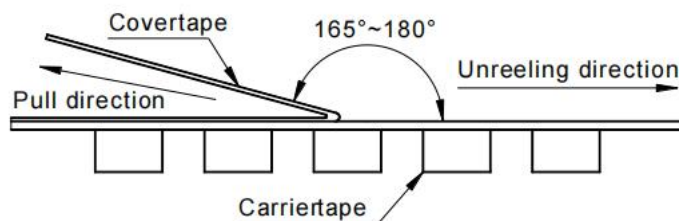
盖带剥离条件

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

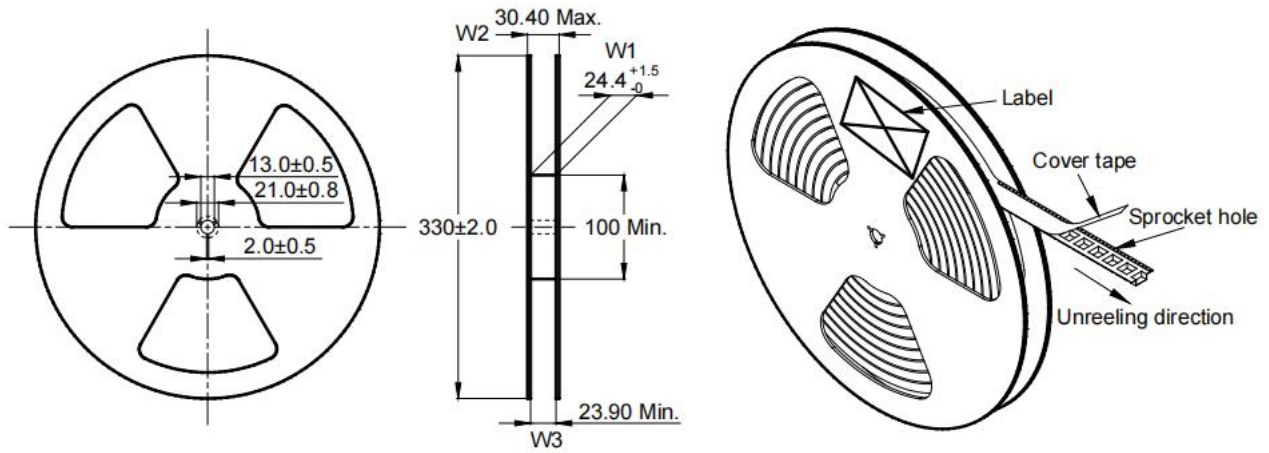
盖带剥离力度为 10~130 克

■ 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: 340x340x70mm
内包装盒

■ Out Carton: 360x360x240mm
外包装箱

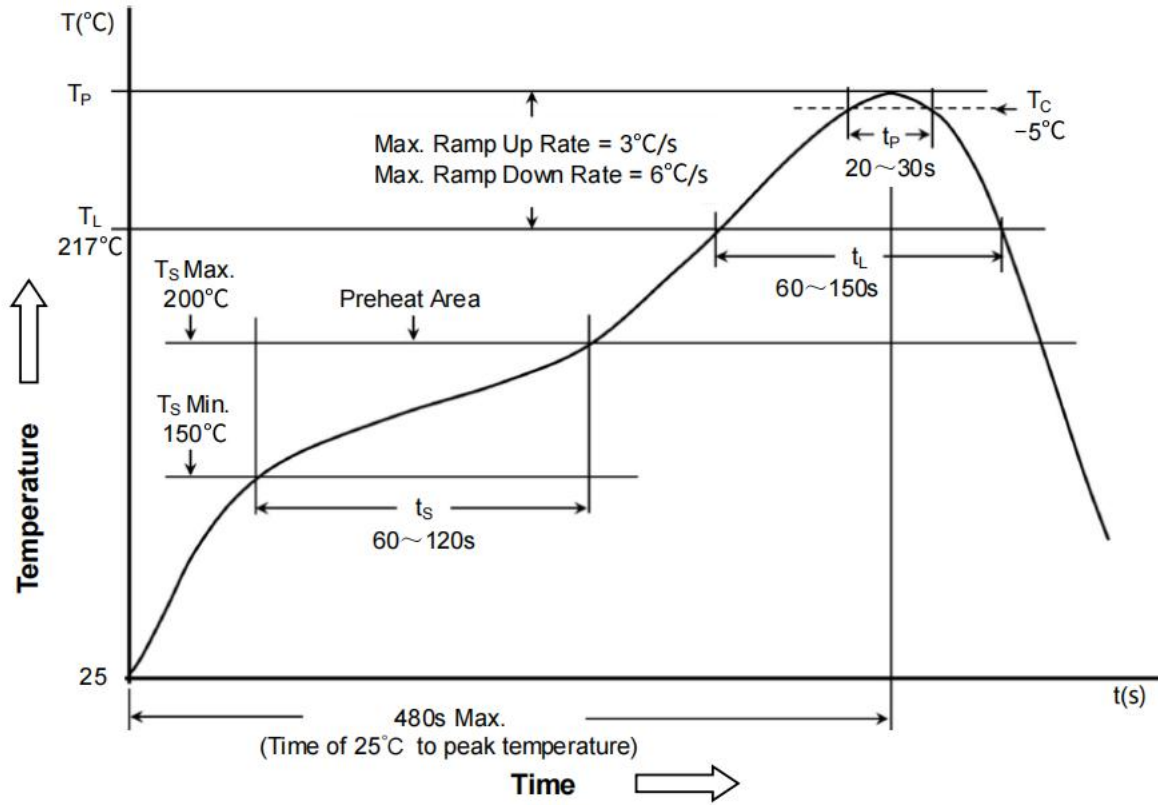
Product Series	Quantity / Reel	Inner Carton Quantity	Out Carton Quantity
ACM9070-701-2PL-TL0	700pcs	(700x2) = 1400pcs	(1400x3) = 4200pcs

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
	1.6~2.5mm	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。