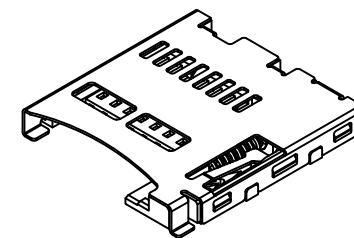


Recommended PCB Layout
 As viewed from component side General Tolerance: ±0.05
 Solder Area Keep Out Area Component Outline



Specifications 规格

Material 物料

Plastic Housing 塑胶外壳: LCP, UL94V-0, Black
 Contact 接触端子: Phosphor Bronze
 Metallic Shell 金属外壳: Stainless Steel

Plating 电镀

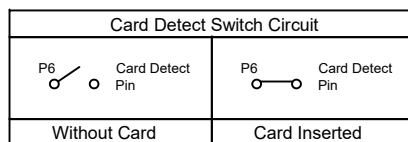
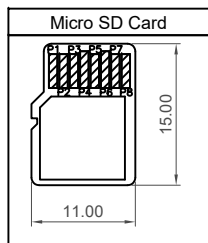
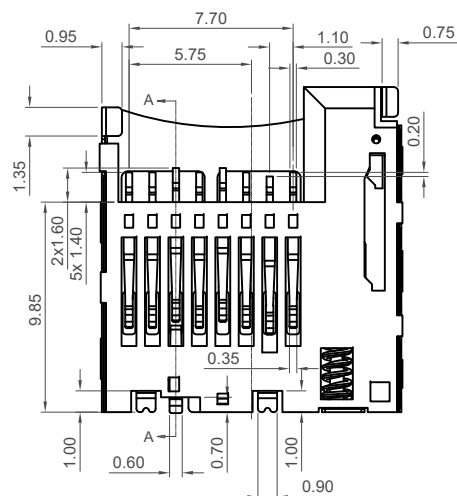
Contact Terminal plating & Card Detect Switch
 接触端子部分电镀 & 卡侦测端子:
 Under-plating 底层电镀: 50μ" min. Nickel all over
 Contact Area 接触部分: Gold Flash
 Soldering Area 焊接部分: 80μ" min. Matte Tin
 Metallic Shell 金属外壳:
 Under-plating 底层电镀: 50μ" Nickel all over
 Soldering Area 焊接部分: Gold Flash

Electrical 电气

Voltage Rating 电压额定值: 100 V AC max
 Current Rating 电流额定值: 0.5 A max.
 Contact Resistance 接触电阻值: 100mΩ max.
 Insulating Resistance 绝缘电阻值: 1000MΩ min.
 Dielectric Withstand Voltage 耐电压: 500 V AC

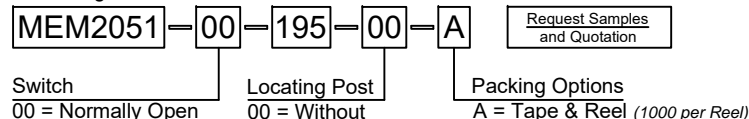
Mechanical & Environmental 机械 & 环境

Durability 耐久性: 5000 Cycles
 Operating Temperature 工作温度: -40°C to +85°C



MICRO SD CARD PIN OUT		
Pin	Name	Description
P1	DAT2	Data Bit 2
P2	CD/DAT3	Card Detect/Data Bit 3
P3	CMD	Command Line
P4	V _{DD}	Supply Voltage 2.7V/3.6v
P5	CLK	Clock
P6	V _{SS}	Ground
P7	DAT0	Data Bit 0
P8	DAT1	Data Bit 1

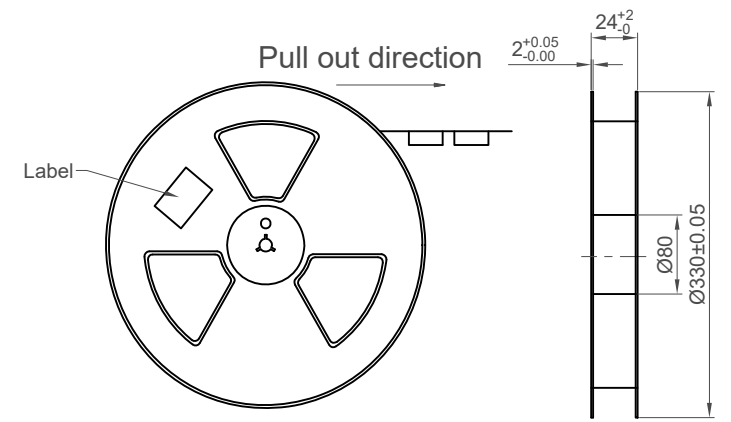
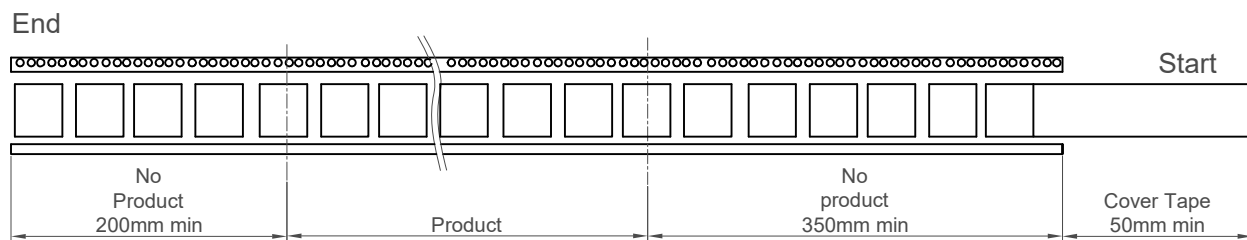
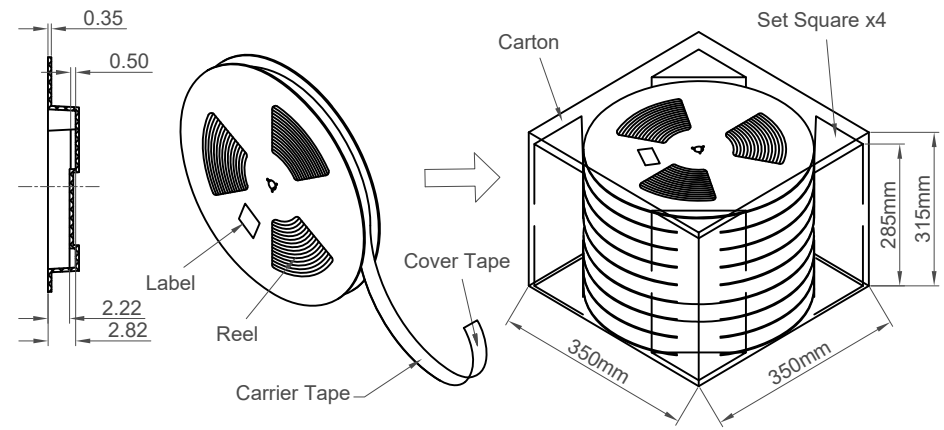
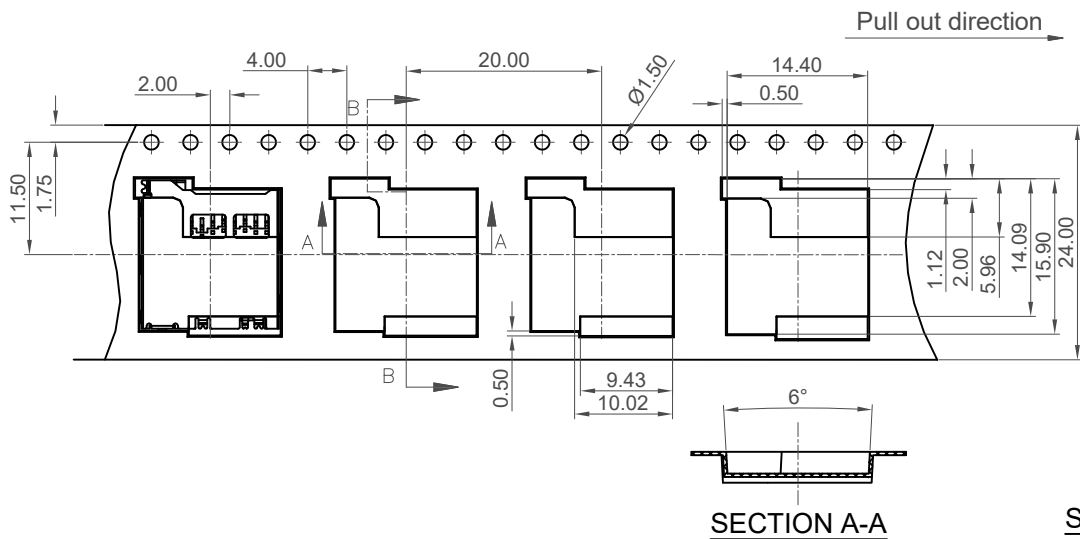
Ordering Grid



Part Number		Product Description	
MEM2051		Micro SD Memory Card Connector	
Drawing Date		Push-Push, SMT, Card Entry Normal, 1.95mm Profile	
2nd November 2011			
By	CC	Tolerances (Except as Noted)	Units:
Detail	MEM2051	Length	Metric (mm)
Revision	C PCN	X.X ±0.35	°
Date	06/09/16	X.XX ±0.25	X° ±1°
		X.XXX ±0.150	X.XX° ±0.5°
			X.XX° ±0.25°



Not to Scale	Drawn By ASE	Sheet No. 1/2
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Gross Weight - Reel: 0.86 KG
Quantity: 1000 pcs/Reel

Notes 注意:

1. Primary Packing: 1,000 pcs/reel 第一重包装: 1000件 / 卷筒
2. Secondary Packing: 10 reel/carton (10k pieces/carton)
第二重包装: 10个卷筒 / 纸箱 (即10000件 / 纸箱)
3. Gross Weight: 9.43Kg/carton

Part Number		Product Description	
MEM2051		Micro SD Memory Card Connector	
Drawing Date		Push-Push, SMT, Card Entry Normal, 1.95mm Profile	
2nd November 2011			
By	CC	Tolerances (Except as Noted)	Units:
Detail	MEM2051 C PCN	Length	Metric (mm)
Revision	C	Angle	
Date	06/09/16		



This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE



Not to Scale	Drawn By ASE	Sheet No. 2/2
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