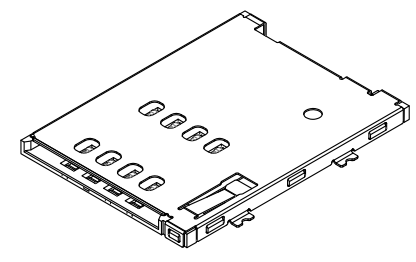


**Recommended PCB Layout**  
(Tolerance:±0.05mm)



**Specifications 规格:**

**Material 物料规格:**  
 Plastic Housing 塑胶外壳: Hi-Temp Thermoplastic UL94V-0, Black  
 Contact Terminal 接触端子: Copper Alloy  
 Metallic Shell 金属外壳: Stainless Steel

**Plating 电镀规格:**

**Contact Terminal plating 接触端子部分电镀:**  
 Under-plating 底层电镀: 50μ" min. Nickel all over  
 Contact Area 接触部分: 3μ" Gold  
 Soldering Area 焊接部分: Gold Flash  
**Switch Terminal plating 开关端子部分电镀:**  
 Under-plating 底层电镀: 50μ" min. Nickel all over  
 Contact Area 接触部分: 3μ" Gold  
 Soldering Area 焊接部分: Gold Flash  
**Metallic Shell plating 金属外壳电镀:**  
 Under-plating 底层电镀: 30-50μ" Nickel all over  
 Soldering Area 焊接部分: Gold Flash

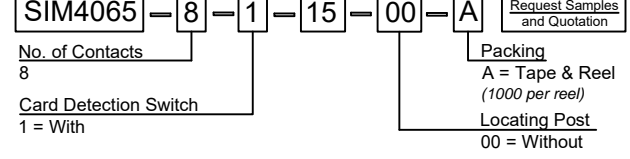
**Electrical 电气规格:**

**Voltage rating 电压额定值:** 50V max.  
**Current Rating 电流额定值:** 1 Amp  
**Contact Resistance 接触电阻值:**  
 Signal: 100 mΩ max.  
 Switch: 300 mΩ max.  
**Insulation Resistance 绝缘电阻值:** 1000 MΩ min.  
**Dielectric Withstand Voltage 耐电压:** 500 V AC

**Mechanical & Environmental 机械 & 环境:**

**Operating Temperature 工作温度:** -40°C to +85°C  
**Durability 耐久性:** 5,000 cycles

**Ordering Grid**



Part Number SIM4065		Product Description SIM Card Connector - Push-Push Type 8 Pin, SMT with Card Detect, 1.60mm Profile Height	
Drawing Date 4th December 2014			
By CC	PCB Layout Change	Tolerances (Except as Noted)	Units: Metric (mm)
Detail		Length X. ± 0.35 X.X ± 0.25 X.XX ± 0.15 X.XXX ± 0.10	Angle X.° ± 5° X.X° ± 4° X.XX° ± 3° X.XXX° ± 2°
Revision Date	A2 03/08/16	3rd Angle Projection	



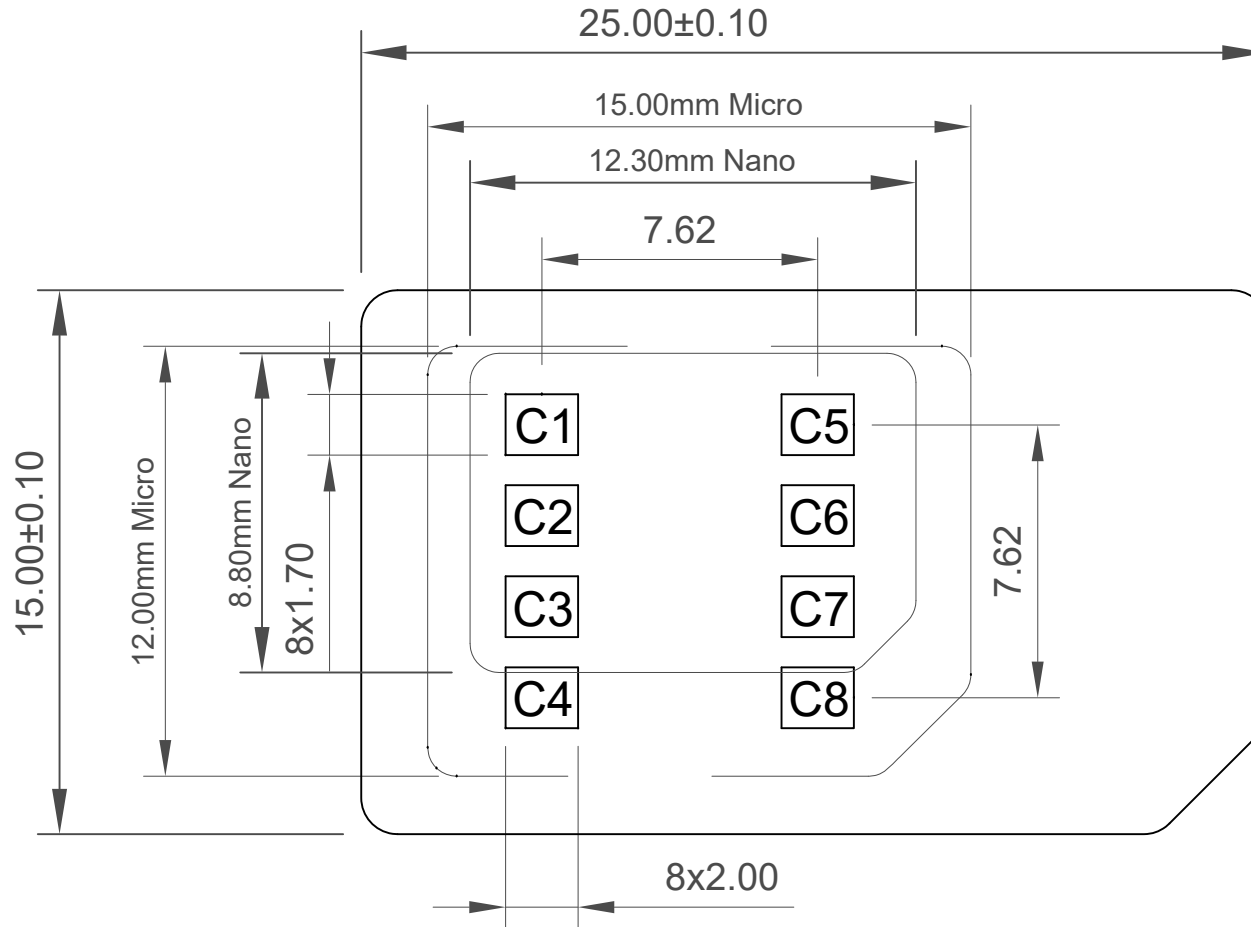
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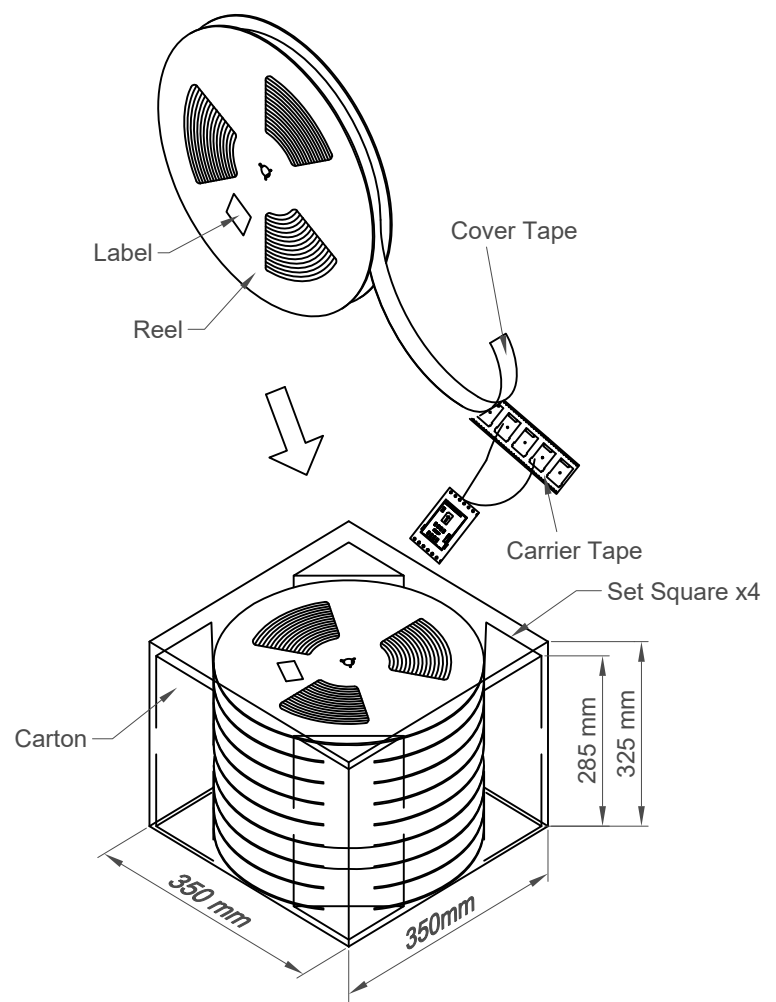
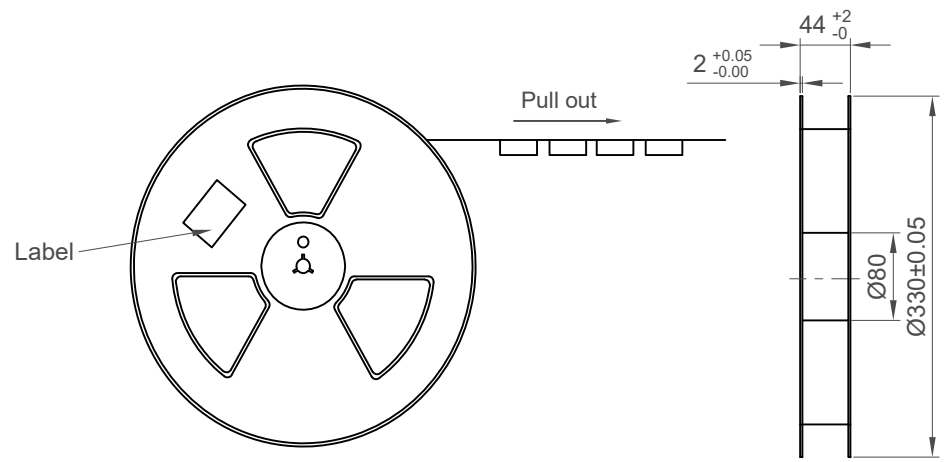
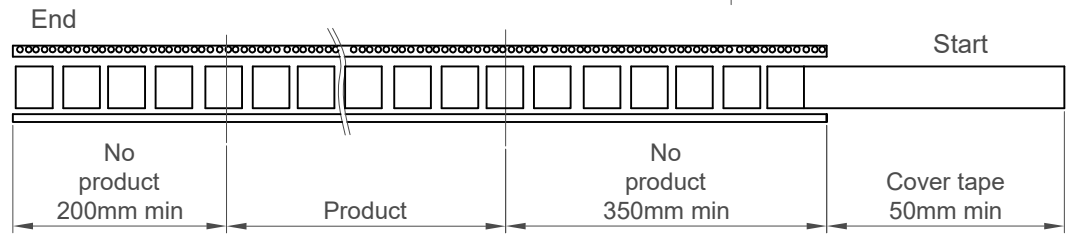
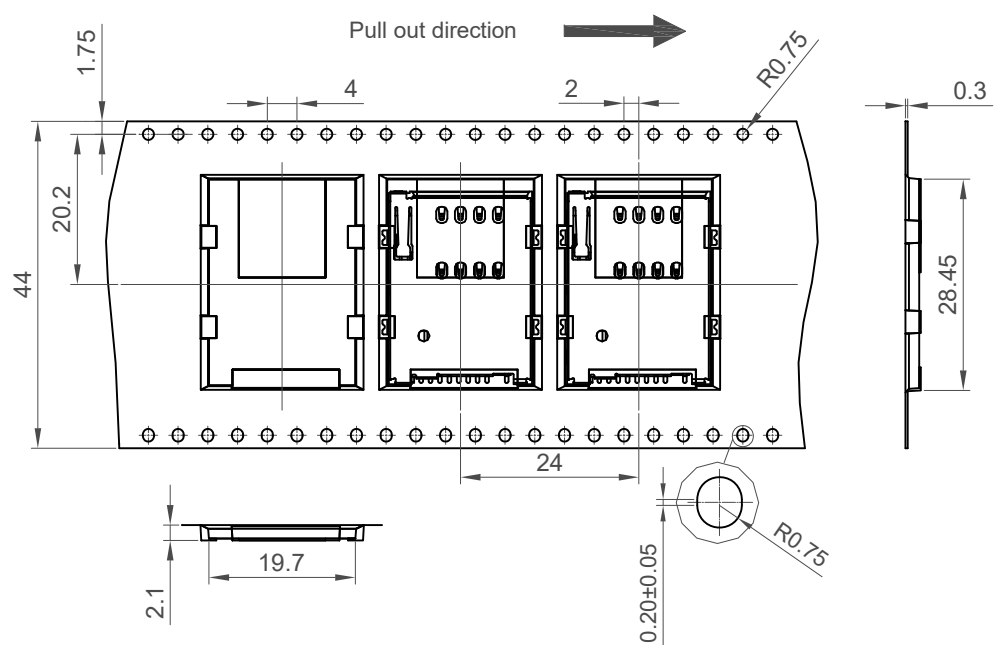
# Mini SIM Reference

thickness =  $0.76 \pm 0.08$



C1	VCC
C2	RST
C3	CLK
C4	RFU
C5	GND
C6	Vpp
C7	I/O
C8	RFU

Part Number		Product Description		 <a href="http://www.gct.co">www.gct.co</a>	
SIM4065		SIM Card Connector - Push-Push Type			
Drawing Date		8 Pin, SMT with Card Detect, 1.60mm Profile Height			
4th December 2014					
By	CC	Tolerances (Except as Noted)		Units:	 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
Detail	PCB Layout Change	Length	Angle	Metric (mm)	
Revision	A2	X.X ± 0.25	± 3°		
Date	03/08/16	X.XX ± 0.15			
		X.XXX ± 0.05			Not to Scale Drawn By AJO Sheet No. 2/3



Products P/N	PCS/Reel	Reels/Carton	PCS/Carton
SIM4065	1000	6	6000

N.W.:7.14 KG      G.W.:11.41KG

Part Number SIM4065		Product Description SIM Card Connector - Push-Push Type 8 Pin, SMT with Card Detect, 1.60mm Profile Height	
Drawing Date 4th December 2014			
By Detail	CC PCB Layout Change	Tolerances (Except as Noted) Length Angle	Units: Metric (mm)
Revision Date	A2 03/08/16		



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