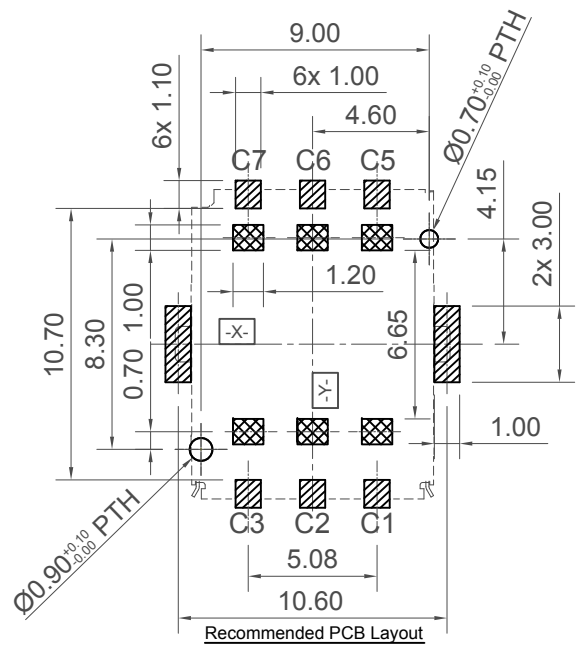
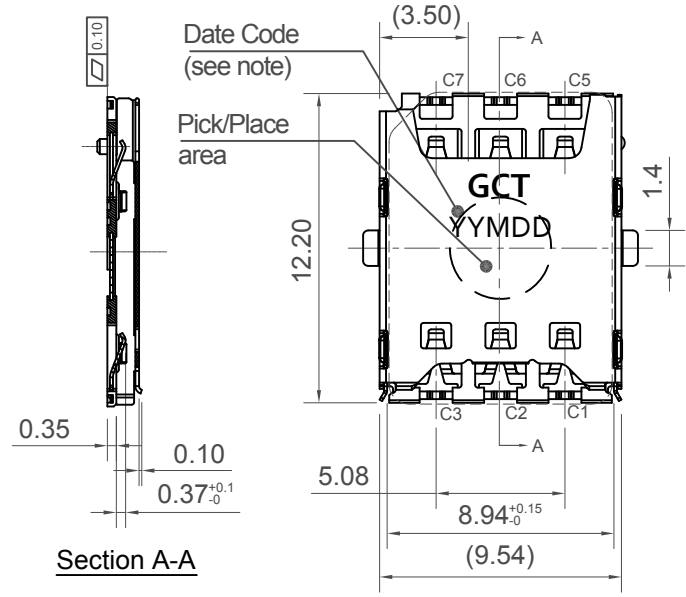
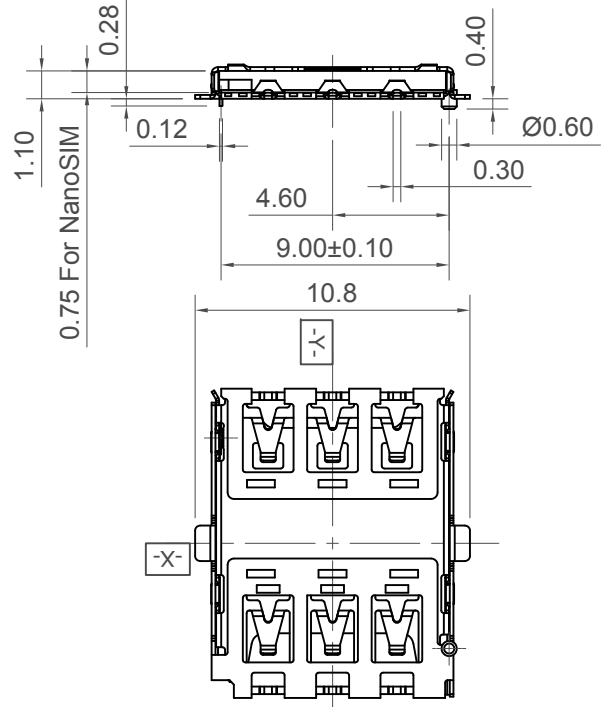


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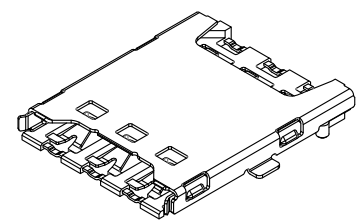


Recommended PCB Layout
 As viewed from component side General Tolerance ±0.05
 Locating peg holes only applicable to locating peg version

Solder Area
 Keep Out Area
 Component Outline



Date Code Note:
 Code Format = YYMDD
 YY = 2 digit year, eg 14 = 2014
 M = 1 digit month
 1 = January... 9 = September
 A = October, B = November
 C = December
 DD = 2 digit day, eg: 21 = 21st



Specification 规格:

Material 物料规格:
 Plastic Housing 塑胶底座: LCP 30%GF, UL94V-0, Black 黑色
 Contact Terminal 端子: Phosphor Bronze 磷青铜
 Thickness 厚度 = 0.12mm
 Cover 外壳: SUS301-H
 Thickness 厚度 = 0.15mm

Plating 电镀规格:

Contact Terminal 端子:
 Contact Area 接触区域: 15μ" Gold 镀金
 Solder area 焊接区: Gold Flash 镀闪金
 Underplating 底层电镀: Ni overall 镍底 50μ" min.
 Cover 外壳: Ni overall 镍底 50μ" min.

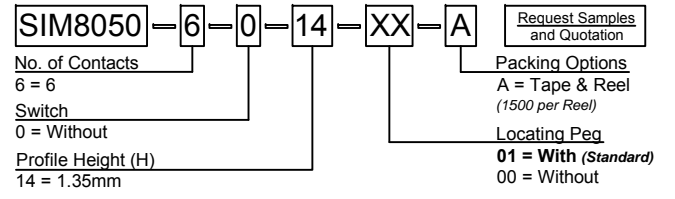
Mechanical 机械规格:

Duration 耐久性: 5000 cycles 次插拔

Electrical 电气规格:

Voltage Rating 电压额定值: 30V max. 最大
 Current Rating 电流额定值: 0.5A max. 最大
 Operating Temperature 工作温度: -40°C to +85°C
 Dielectric Withstanding Voltage 耐电压: 100V AC (60 Sec min. 60秒最小)
 Insulation Resistance 绝缘电阻: 1000 MΩ min. 最小
 Contact Resistance 接触电阻: 100 mΩ max. 最大

Ordering Grid



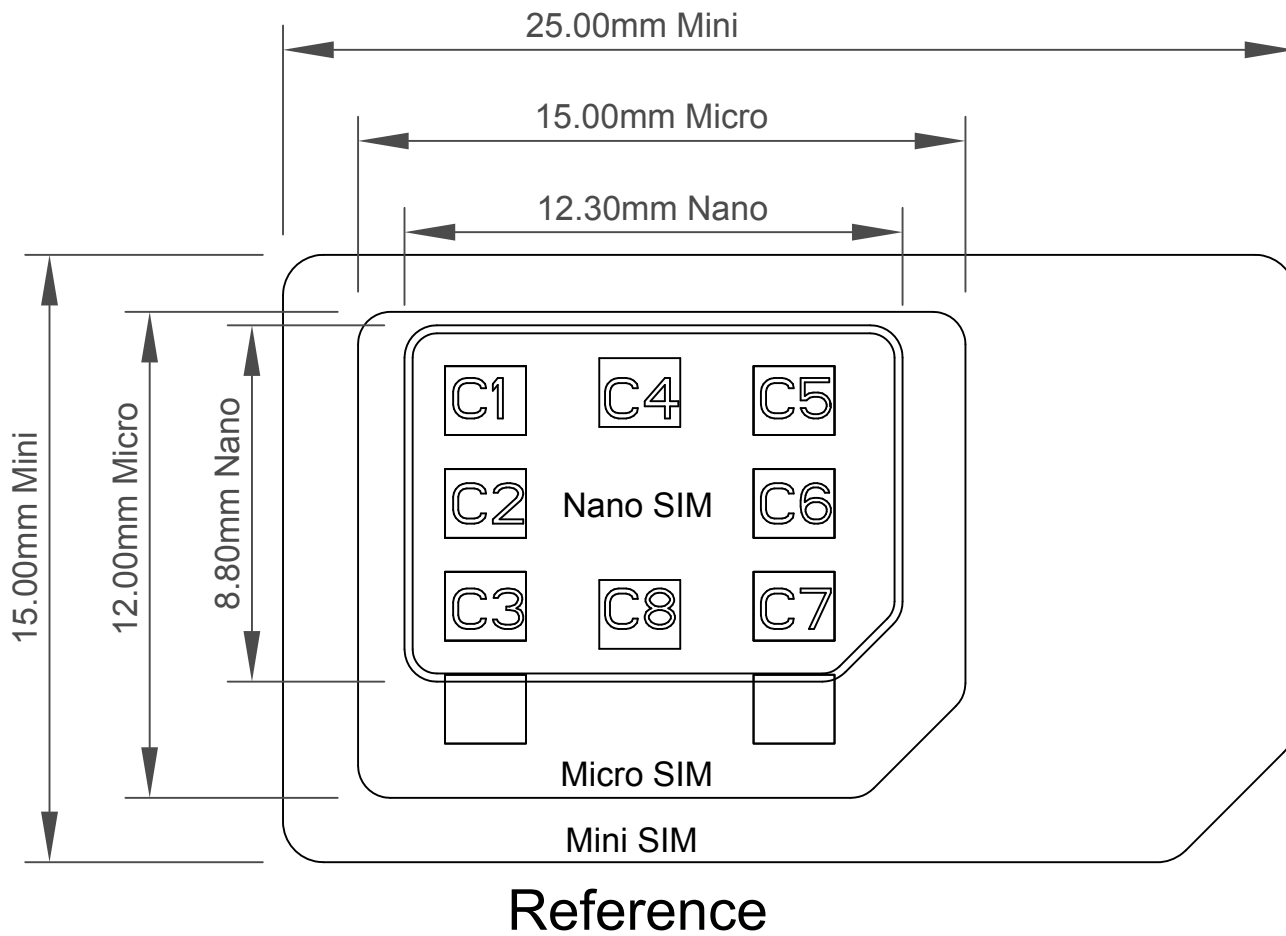
Part Number		Product Description	
SIM8050		Nano SIM Card Connector	
Drawing Date		Push-Pull Type, 6 Pin, SMT, Profile 1.35mm	
3rd June 2013			
By	AJO	Tolerances (Except as Noted)	Units:
Detail	SIM8050 D PCN	Length X. ± 0.35 XX ± 0.25 X.XX ± 0.15 X.XXX ± 0.10	Metric (mm)
Revision	D1	Angle	All ± 2°
Date	22/04/15	3rd Angle Projection	






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

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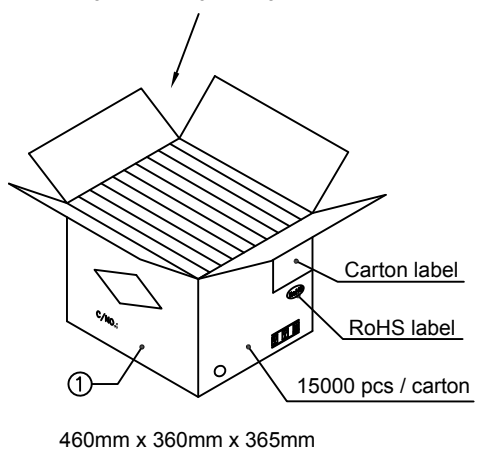
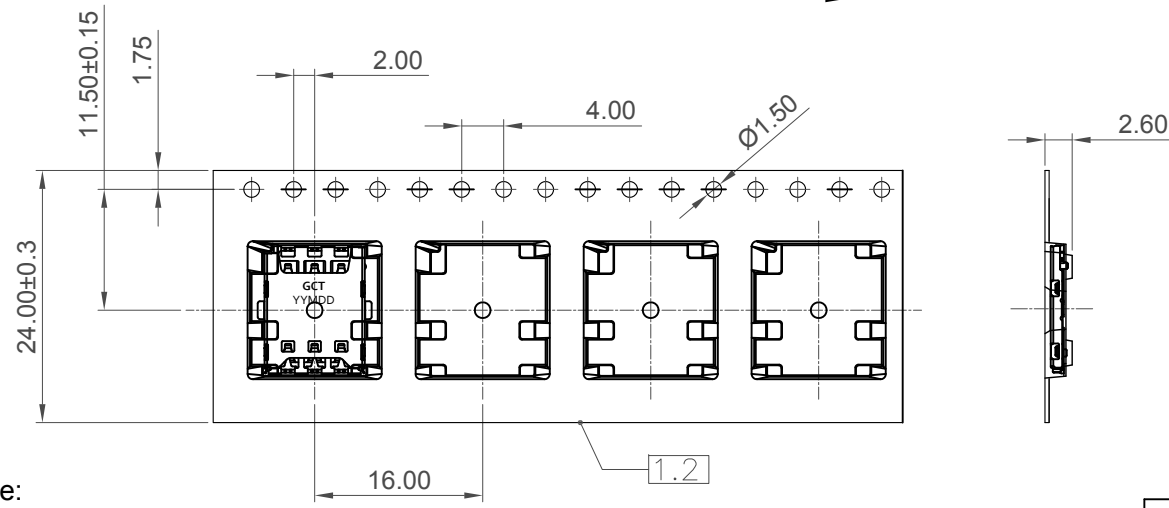
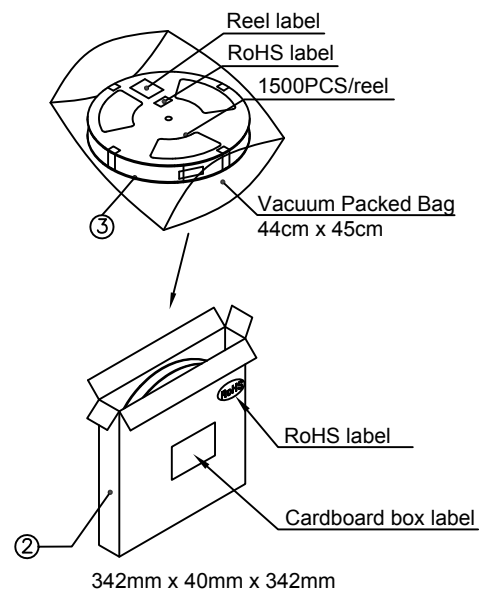
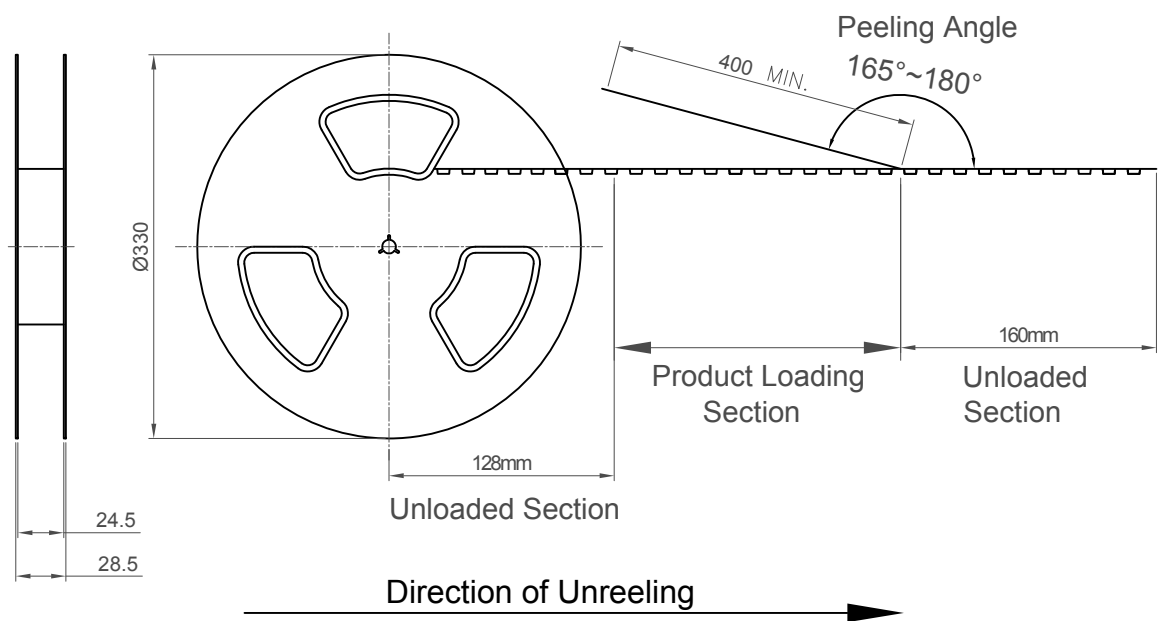
Not to Scale	Drawn By AJO	Sheet No. 1/3
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- | | | |
|----|--------|-----|
| C1 | -----> | VCC |
| C2 | -----> | RST |
| C3 | -----> | CLK |
| C5 | -----> | GND |
| C6 | -----> | Vpp |
| C7 | -----> | I/O |

Part Number		Product Description		GCT Global Connector Technology www.gct.co
SIM8050		Nano SIM Card Connector		
Drawing Date		Push-Pull Type, 6 Pin, SMT, Profile 1.35mm		
3rd June 2013				
By	AJO	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	SIM8050 D PCN	Length	Metric (mm)	
Revision	D1	Angle	All ± 2°	
Date	22/04/15	X. ± 0.35	 3rd Angle Projection	
		X.X ± 0.25		
		X.XX ± 0.15		
		X.XXX ± 0.10		
Not to Scale	Drawn By AJO			Sheet No. 2/3

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Note:

- Material:
- Box: Fibreboard, Corrugated, Double wall.
- Tape: Polystyrene, Heat-resistant temperature: 120°C, black color.
- Reel: Polystyrene, Heat-resistant temperature: 70°C, blue color.
- Bag: Polyethylene, Heat-resistant temperature: 100°C.
- Peeling Strength: 0.1 ~ 1.3 n (10 ~ 130 grams)
- Peeling Speed: 300 mm/min.

Products P/N	PCS/Reel	Reels/Carton	PCS/Carton
SIM8050	1500	10	15000

Part Number SIM8050		Product Description Nano SIM Card Connector Push-Pull Type, 6 Pin, SMT, Profile 1.35mm	
Drawing Date 3rd June 2013			
By AJO	Tolerances (Except as Noted) Length	Units: Metric (mm)	 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 SIM8050 D PCN	Angle	3rd Angle Projection	
Revision D1			
Date 22/04/15			
		Global Connector Technology www.gct.co	
Not to Scale	Drawn By AJO	Sheet No. 3/3	