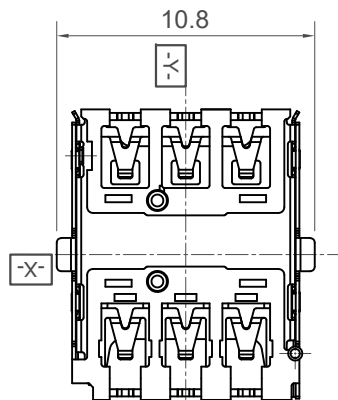
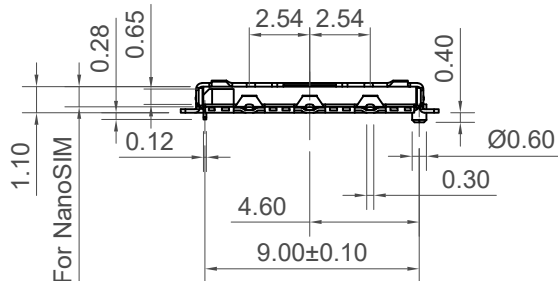
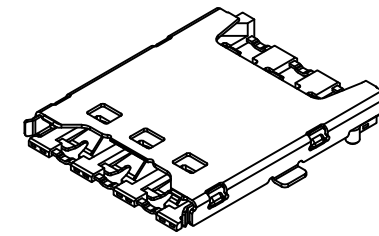


Section A-A



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



Specification

Material

Plastic Housing: LCP 30%GF, UL94V-0, Black
 Contact Terminal: Phosphor Bronze, T=0.12mm
 Cover: SUS301-H, T=0.15mm

Plating:

Contact Terminal:
 Contact Area: 3 μ " Gold
 Solder area: Gold Flash
 Underplating: Ni overall 50 μ " min.
 Cover: Ni overall 50 μ " min.

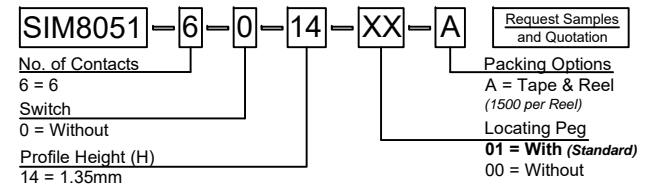
Electrical

Voltage Rating: 30V max.
 Current Rating: 0.5A max.
 Dielectric Withstanding Voltage: 100V AC (60 Sec min.)
 Insulation Resistance: 1000 M Ω min.
 Contact Resistance: 100 m Ω max.

Mechanical & Environmental

Operating Temperature: -40°C to +85°C
 Durability: 5000 cycles

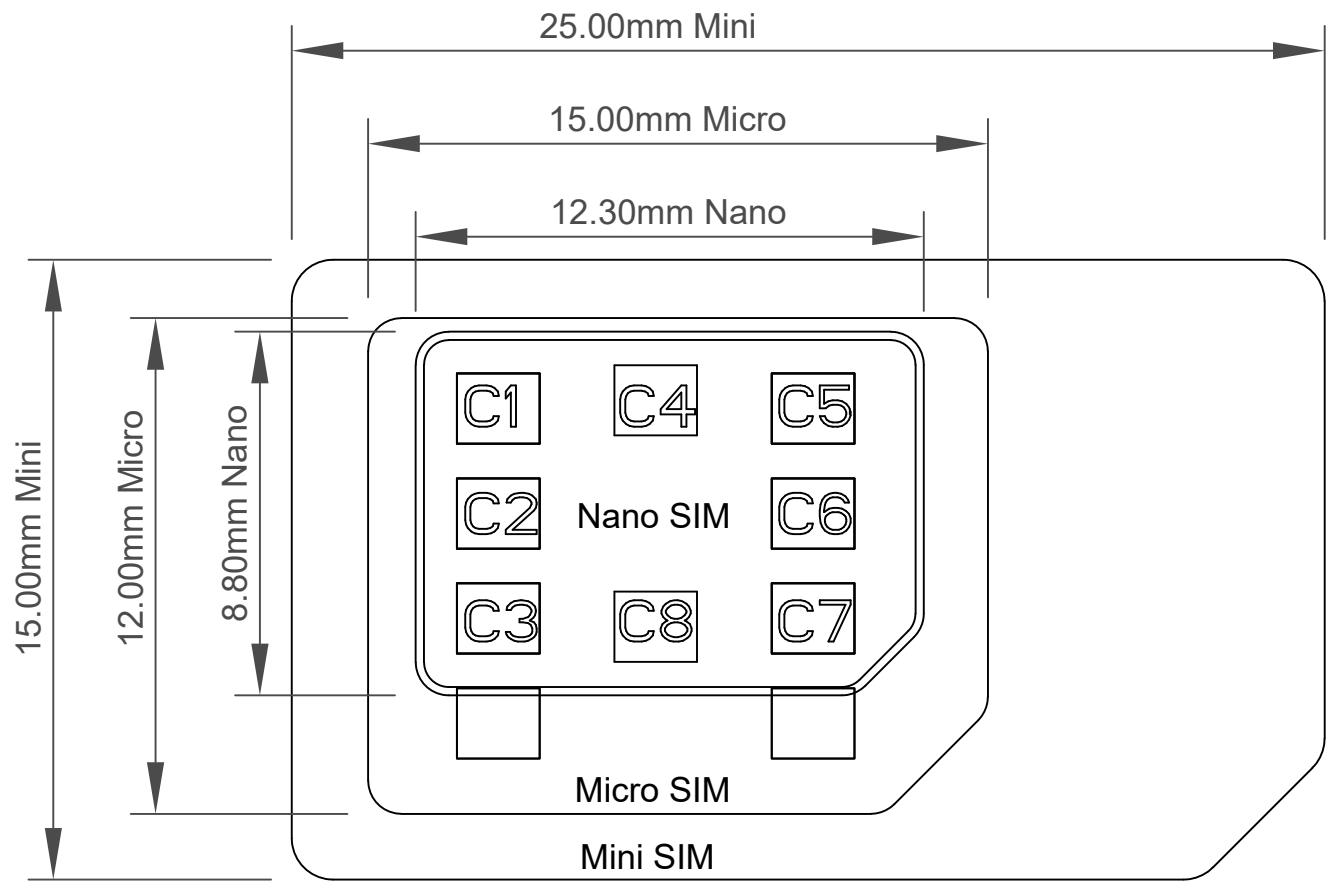
Ordering Grid



Part Number		Product Description	
SIM8051		Nano SIM Card Connector	
Drawing Date		Push-Pull Type, 6 Pin, SMT, Profile 1.35mm	
28th April 2015			
By	CC	Tolerances (Except as Noted)	Units:
Detail	SIM8051	Length	Metric (mm)
	D PCN	X. ± 0.35	
Revision	D6	X.X ± 0.25	
Date	14/07/22	X.XX ± 0.15	
		X.XXX ± 0.10	All $\pm 2^\circ$







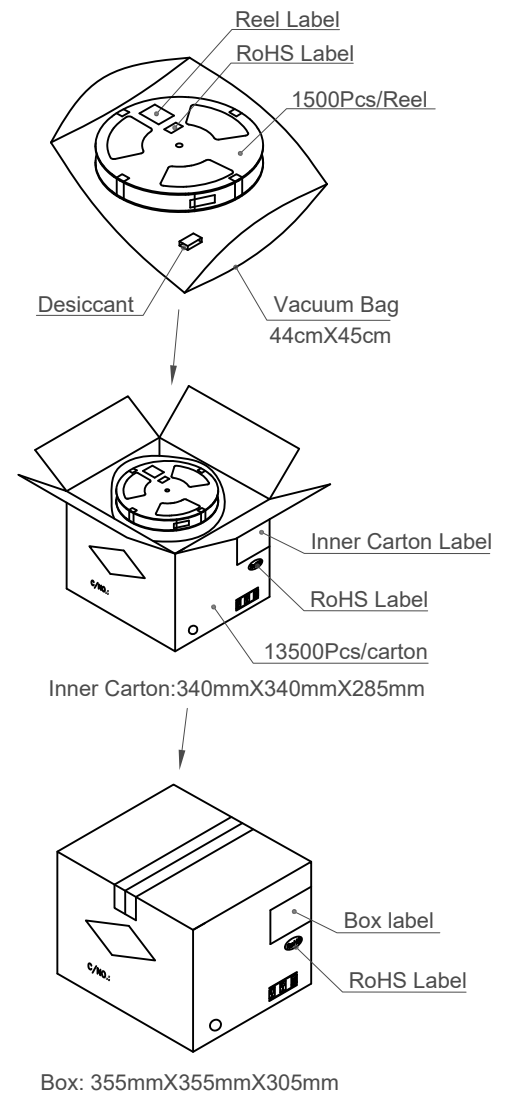
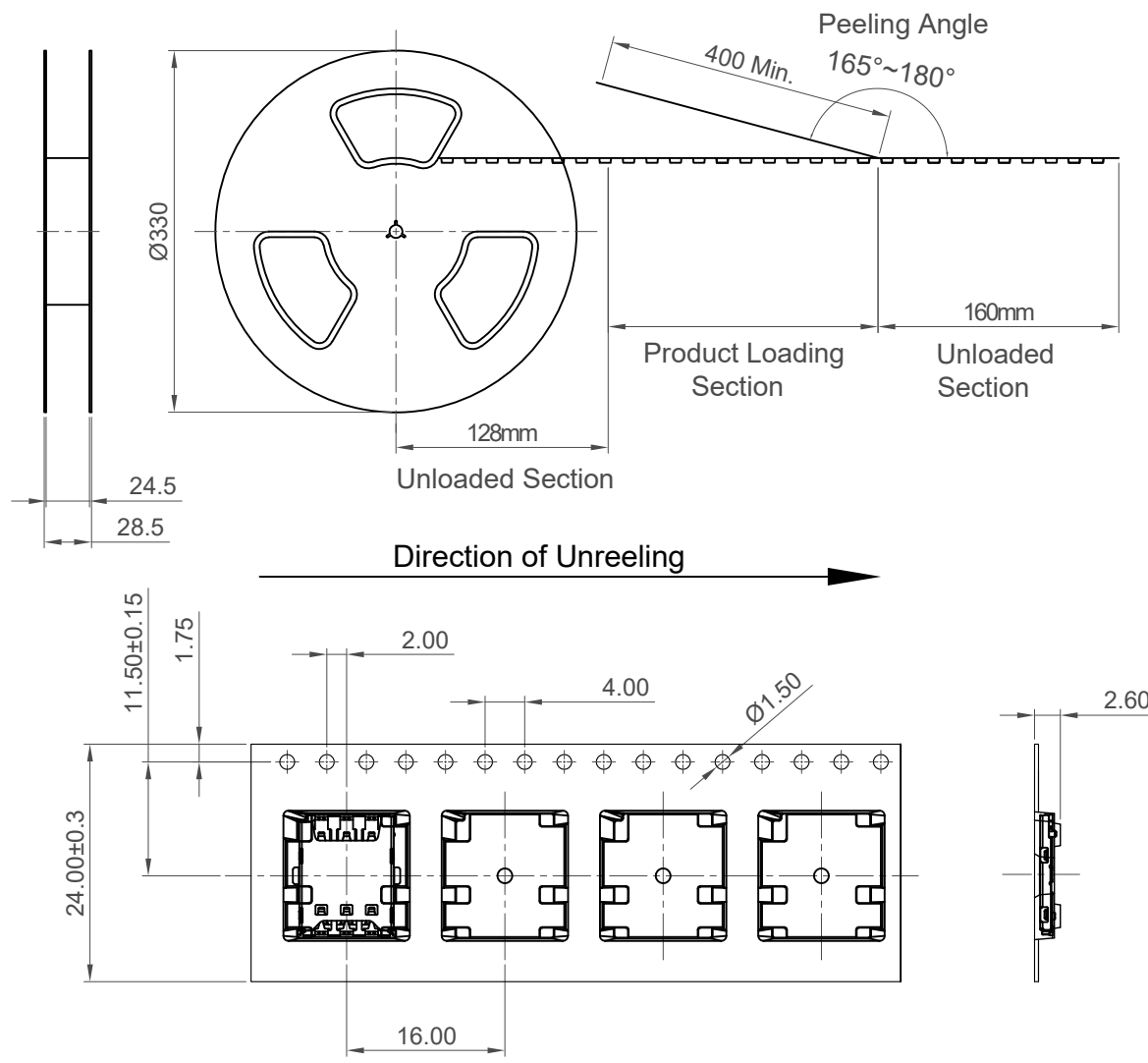
Not to Scale Drawn By AJO Sheet No. 1/3



- C1---->VCC
- C2---->RST
- C3---->CLK
- C5---->GND
- C6---->Vpp
- C7---->I/O

Reference

Part Number		Product Description		 www.gct.co
SIM8051		Nano SIM Card Connector		
Drawing Date		Push-Pull Type, 6 Pin, SMT, Profile 1.35mm		
28th April 2015				
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	SIM8051 D PCN	Length	Metric (mm)	
Revision	D6	Angle	All ± 2°	
Date	14/07/22	X. ± 0.35		
		X.X ± 0.25		
		X.XX ± 0.15		
		X.XXX ± 0.10		
Not to Scale	Drawn By	Sheet No.		
	AJO	2/3		



Notes:
Peeling off force of top tape: 0.1-1.3N (Peeling direction as shown)

Materials:
Carrier Tape: Polystyrene (PS)
Top Tape: PE
Reel Tape: Polystyrene (PS)
Vacuum Bag: PE

Products P/N	Pcs / Reel	Reels/Carton	Reels/Carton
SIM8051	1500	9	13500

Part Number SIM8051		Product Description Nano SIM Card Connector Push-Pull Type, 6 Pin, SMT, Profile 1.35mm	
Drawing Date 28th April 2015			
By CC	Tolerances (Except as Noted) Length	Units: Metric (mm)	<p>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</p>
Detail SIM8051 D PCN	Angle	3rd Angle Projection	
Revision D6			
Date 14/07/22			
		<p>www.gct.co</p>	
		Not to Scale	Drawn By AJO Sheet No. 3/3