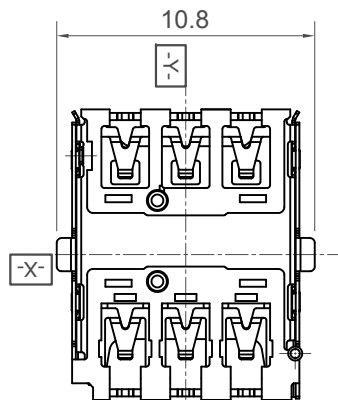
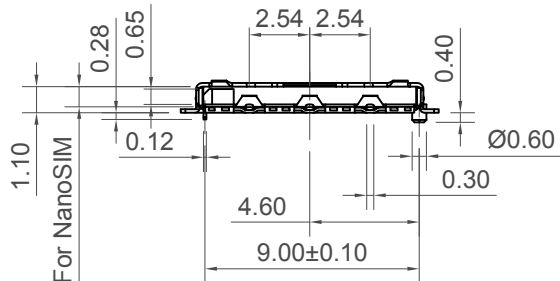
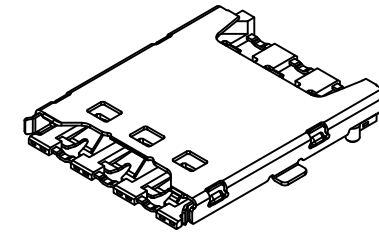
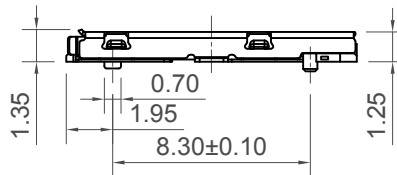


Section A-A



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

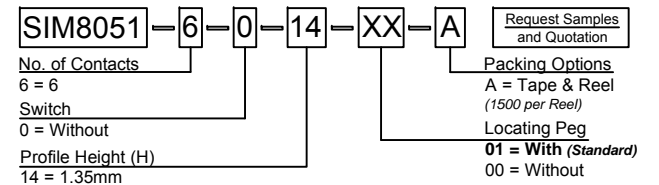
Material
 Plastic Housing: LCP 30%GF, UL94V-0, Black
 Contact Terminal: Phosphor Bronze, T=0.12mm
 Cover: SUS301-H, T=0.15mm

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: 1500 cycles

Ordering Grid



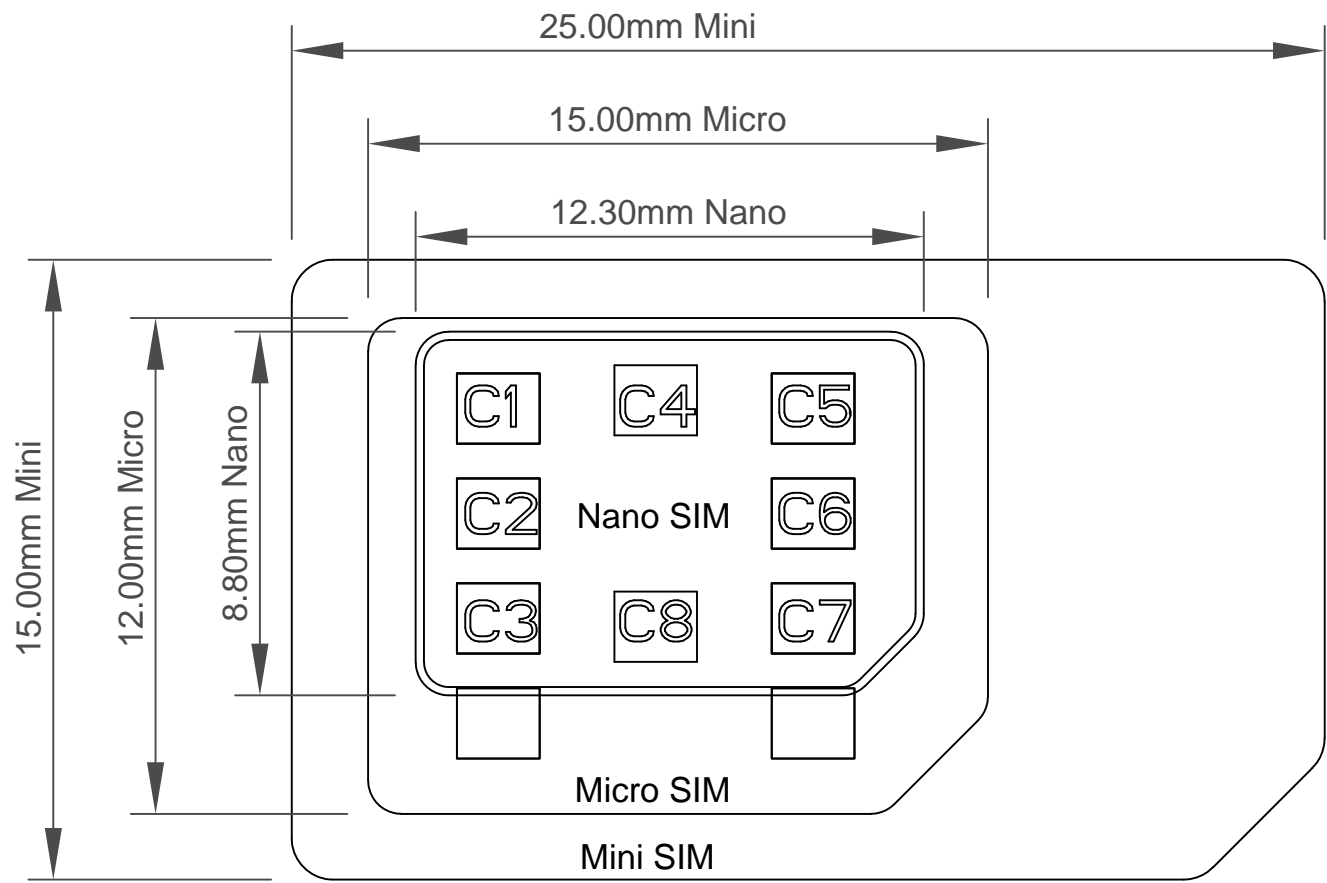
Part Number		Product Description	
SIM8051		Nano SIM Card Connector	
Drawing Date		Push-Pull Type, 6 Pin, SMT, Profile 1.35mm	
28th April 2015			
By	CC	Tolerances (Except as Noted)	Units:
Detail	SIM8051	Length	Metric (mm)
	D PCN	X. ± 0.35	
Revision	D4	X.X ± 0.25	
Date	26/06/20	X.XX ± 0.15	
		X.XXX ± 0.10	



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 AJO Sheet No. 1/3



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

Reference

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 D PCN	Length X. ± 0.35	Metric (mm)
Revision	D4	Angle X.X ± 0.25	
Date	26/06/20	X.XX ± 0.15	All ± 2°
		X.XXX ± 0.10	



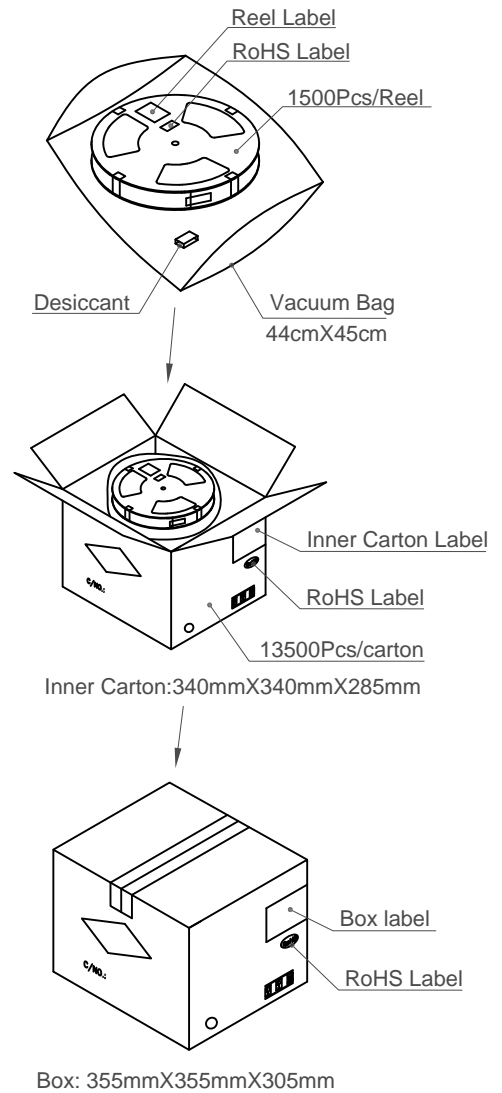
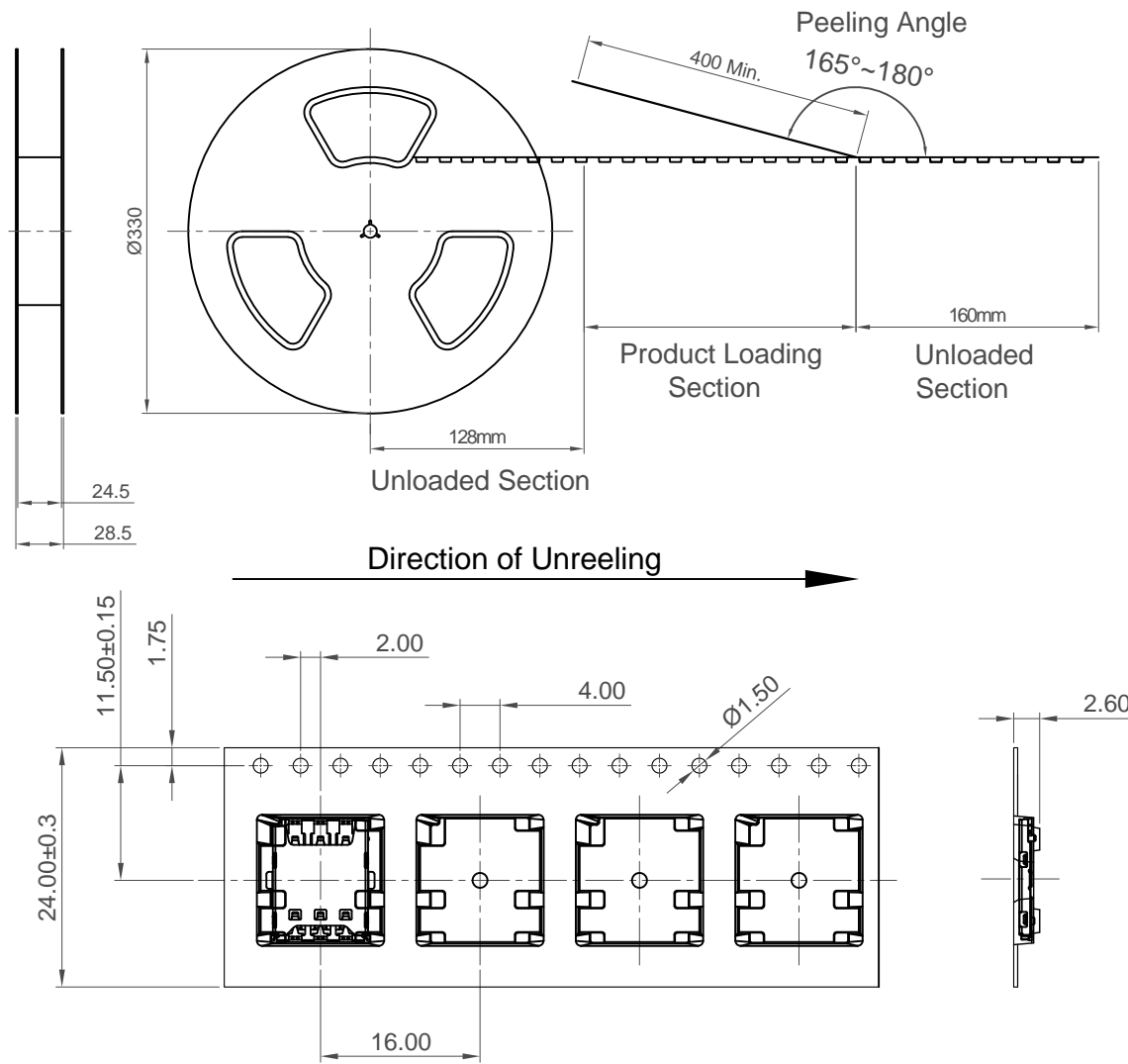
This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE



Not to Scale	Drawn By AJO	Sheet No. 2/3
--------------	-----------------	------------------

H
G
F
E
D
C
B
A

1 2 3 4 5 6 7 8



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		 	<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>	 www.gct.co
Drawing Date 28th April 2015		Units: Metric (mm)				
By CC	Tolerances (Except as Noted) Length Angle	©				
Detail SIM8051 D PCN		Not to Scale				
Revision D4		Drawn By AJO	Sheet No. 3/3			
Date 26/06/20						