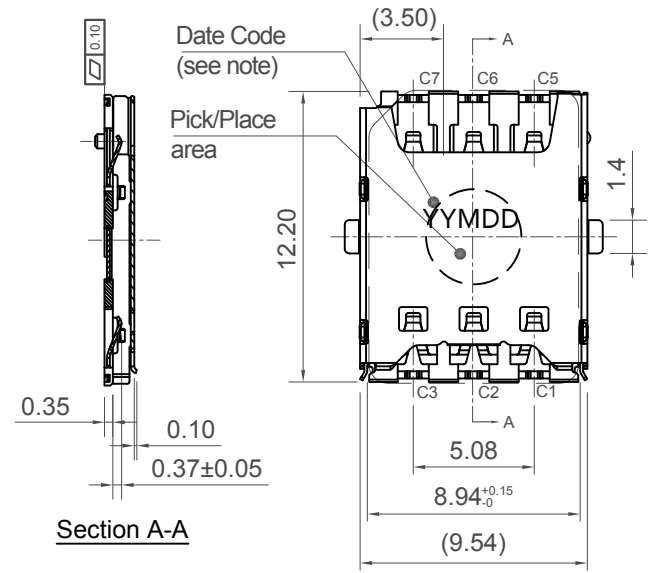
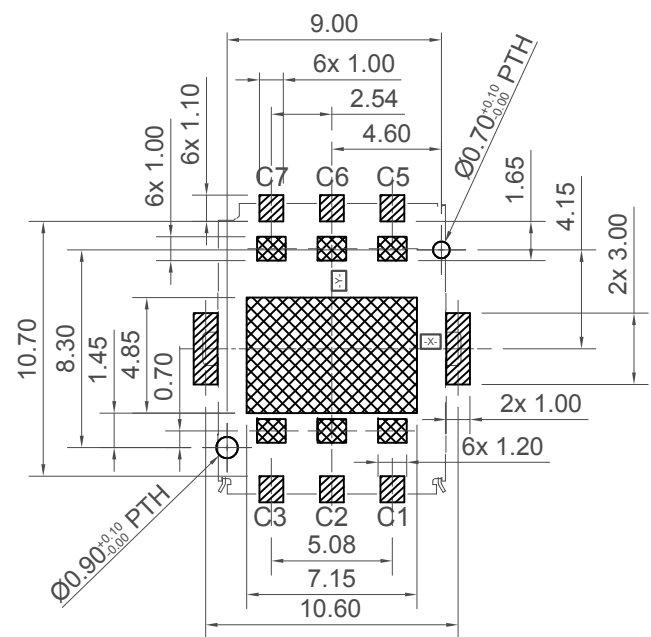
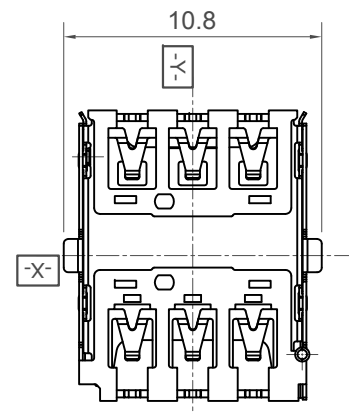
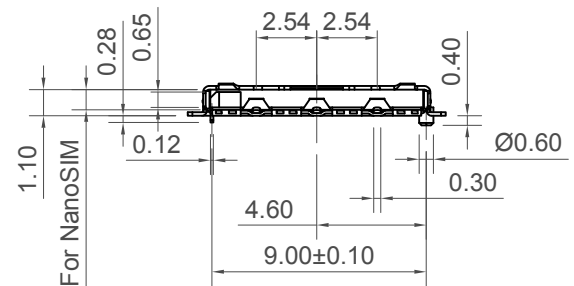


H
G
F
E
D
C
B
A



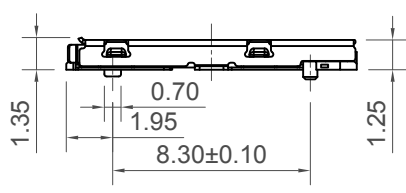
Section A-A



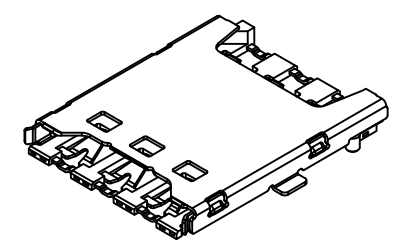
Recommended PCB Layout

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



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

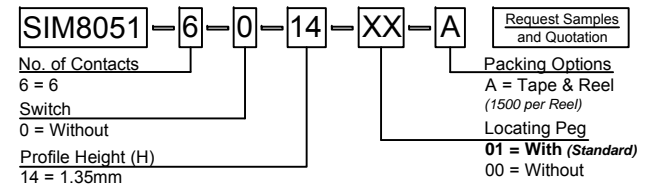
Material
Plastic Housing: LCP 30%GF, UL94V-0, Black
Contact Terminal: Phosphor Bronze, T=0.12mm
Cover: SUS301-H, T=0.15mm

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

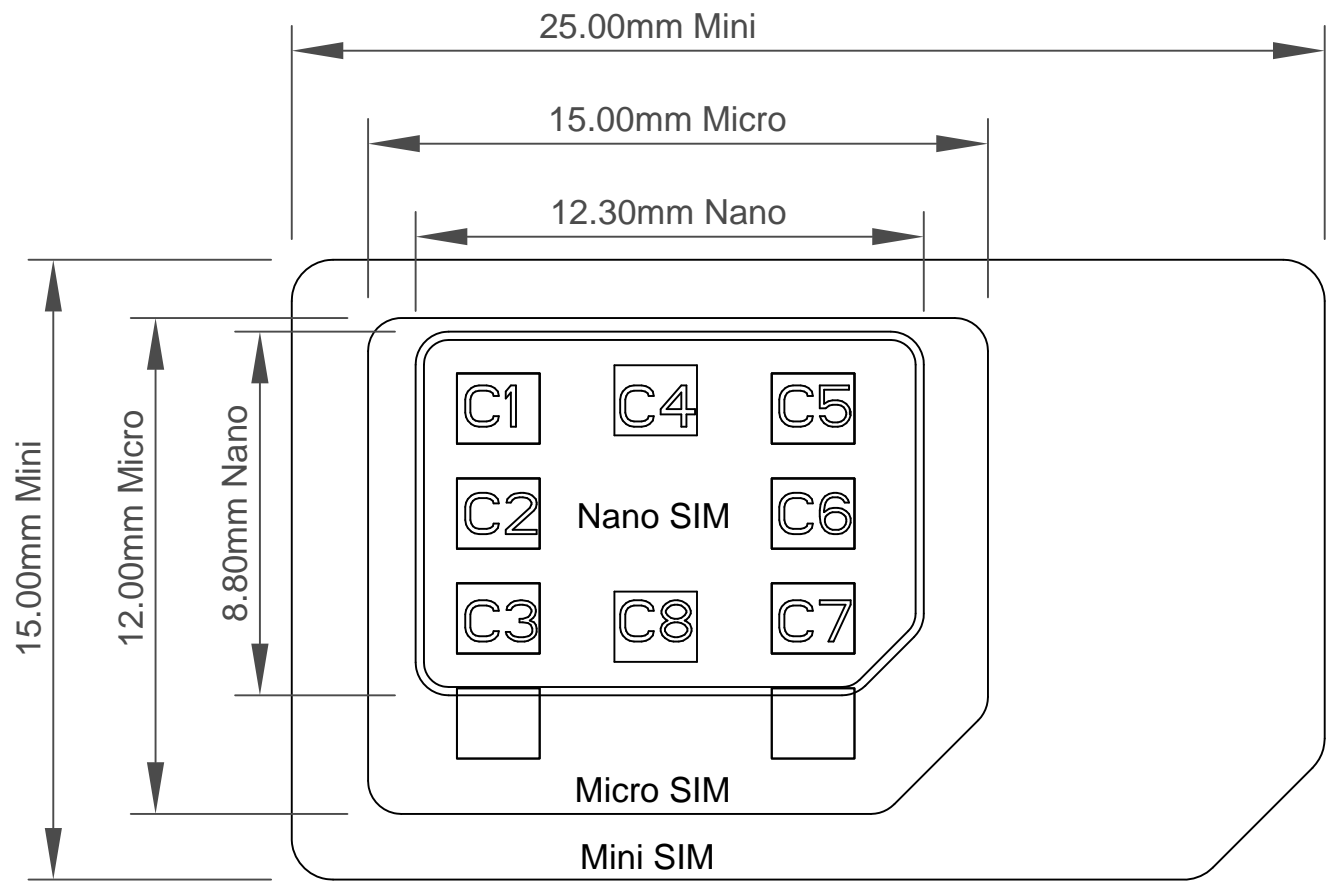
Ordering Grid



Part Number		Product Description	
SIM8051		Nano SIM Card Connector	
Drawing Date		28th April 2015	
By		CC	
Detail		SIM8051 D PCN	
Revision		D2	
Date		07/12/17	
Tolerances (Except as Noted)		Units:	
Length		Metric (mm)	
X. ± 0.35		All $\pm 2^\circ$	
X.X ± 0.25		3rd Angle Projection	
X.XX ± 0.15		RoHS COMPLIANT 2011/65/EU Deca-SIDE	
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
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- C1----->VCC
- C2----->RST
- C3----->CLK
- C5----->GND
- C6----->Vpp
- C7----->I/O

Reference

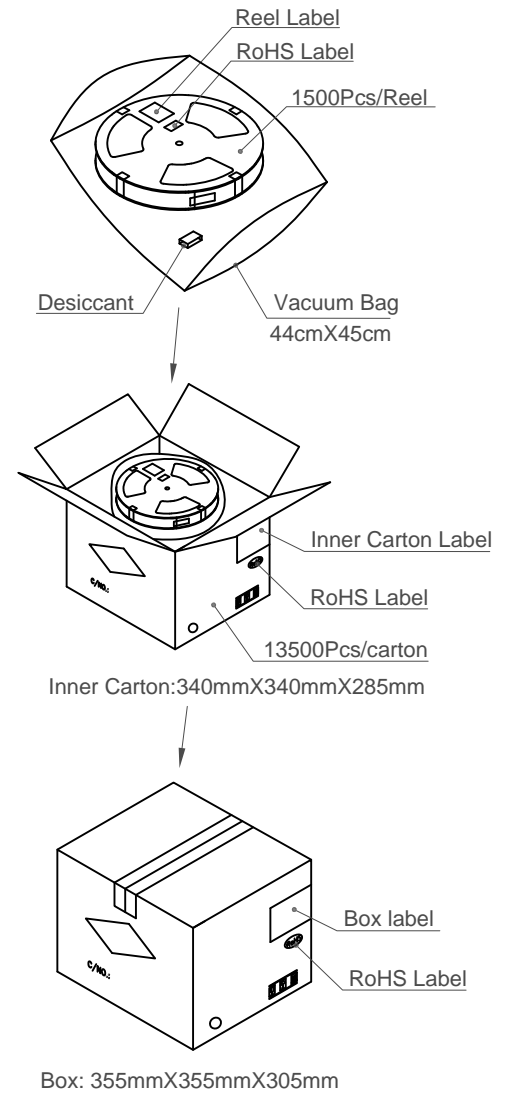
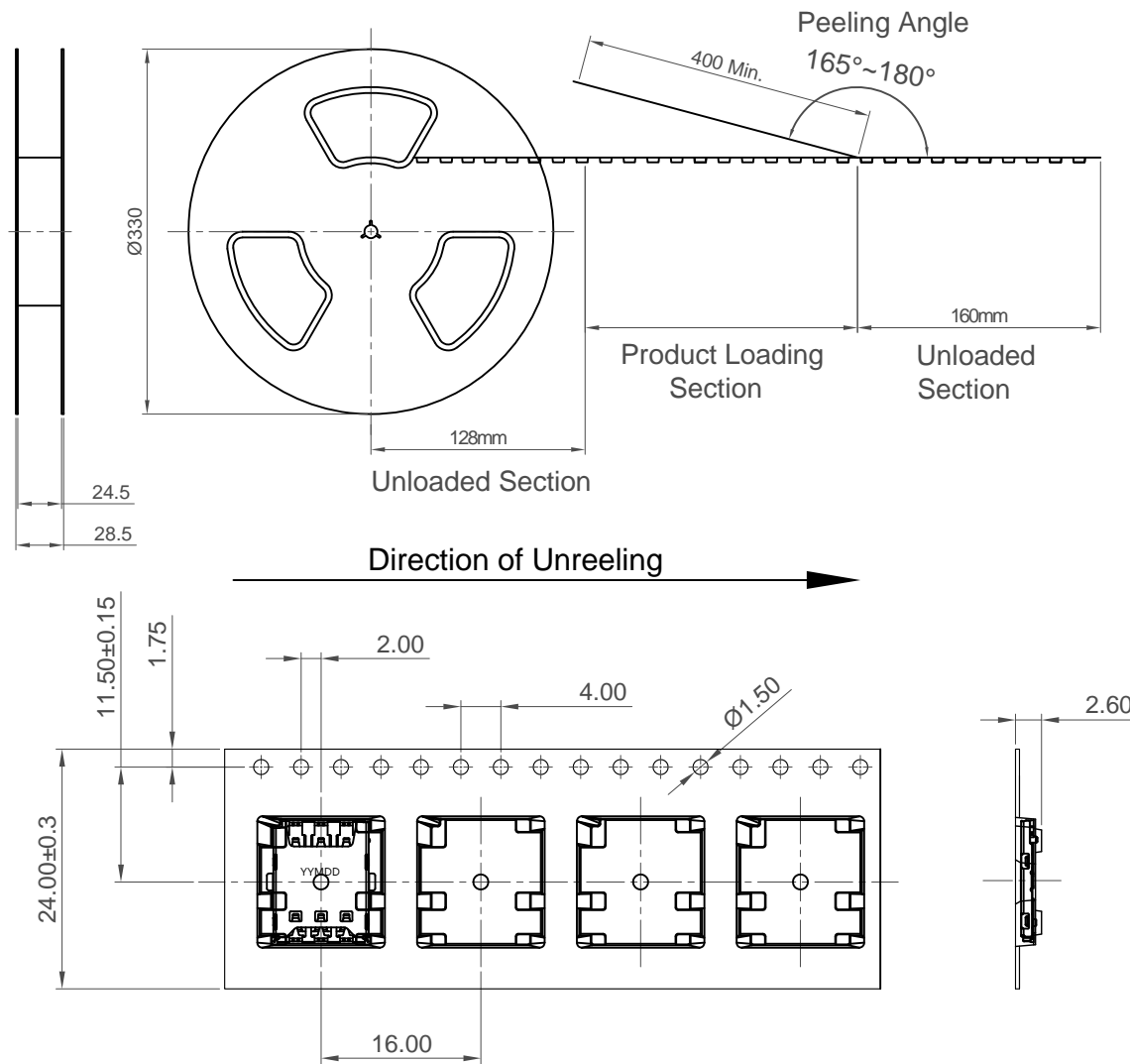
Part Number		Product Description	
SIM8051		Nano SIM Card Connector	
Drawing Date		Push-Pull Type, 6 Pin, SMT, Profile 1.35mm	
28th April 2015			
By	CC	Tolerances (Except as Noted)	Units:
Detail	SIM8051 D PCN	Length X. ± 0.35	Metric (mm)
Revision	D2	Angle X.X ± 0.25	
Date	07/12/17	X.XX ± 0.15	All ± 2°
		X.XXX ± 0.10	



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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		 www.gct.co		
Drawing Date 28th April 2015						
By CC	Tolerances (Except as Noted) Length Angle	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 SIM8051 D PCN						
Revision D2						
Date 07/12/17				Not to Scale	Drawn By AJO	Sheet No. 3/3