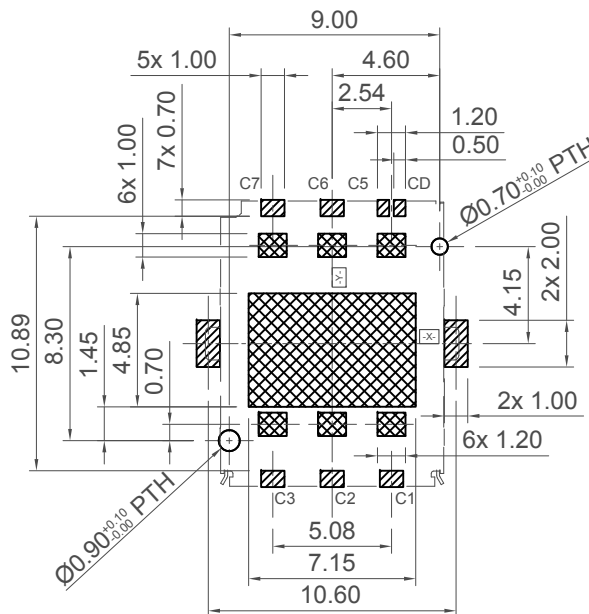
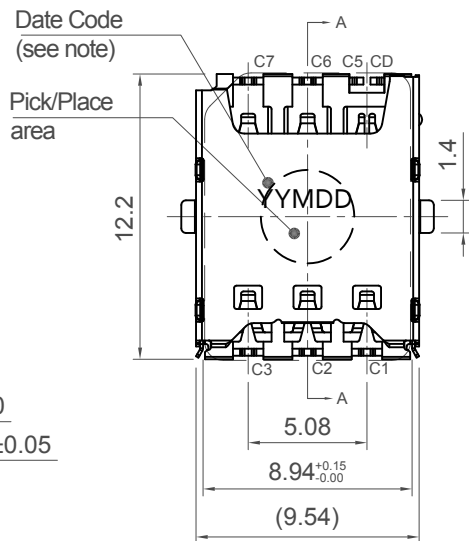


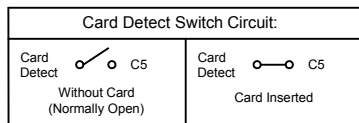
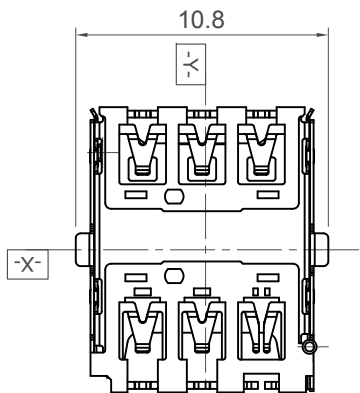
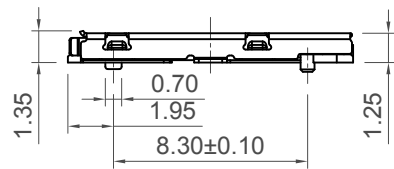
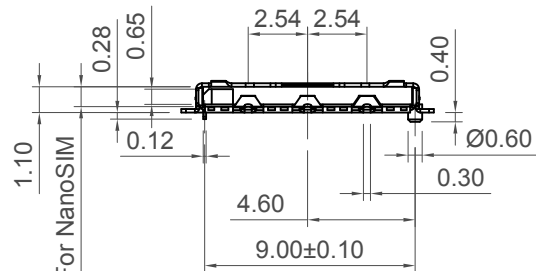
Section A-A



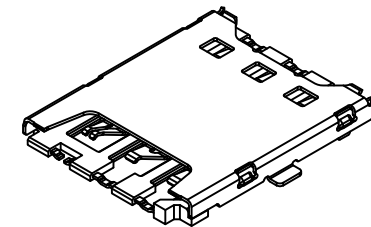
Recommended PCB Layout

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

Legend: 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: 3μ" Gold
Solder area: Gold Flash
Underplating: Ni overall 50μ" min.
Cover: Ni overall 50μ" min.

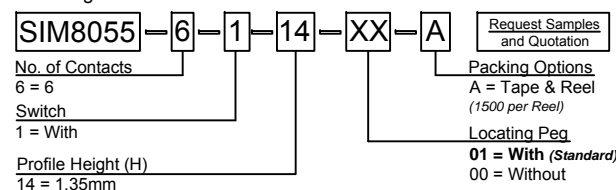
Mechanical:

Duration: 5000 cycles

Electrical:

Voltage Rating: 30V max.
Current Rating: 0.5A max.
Operating Temperature: -40°C to +85°C
Dielectric Withstanding Voltage: 100V AC (60 Sec min.)
Insulation Resistance: 1000 MΩ min.
Contact Resistance: 100 mΩ max.

Ordering Grid



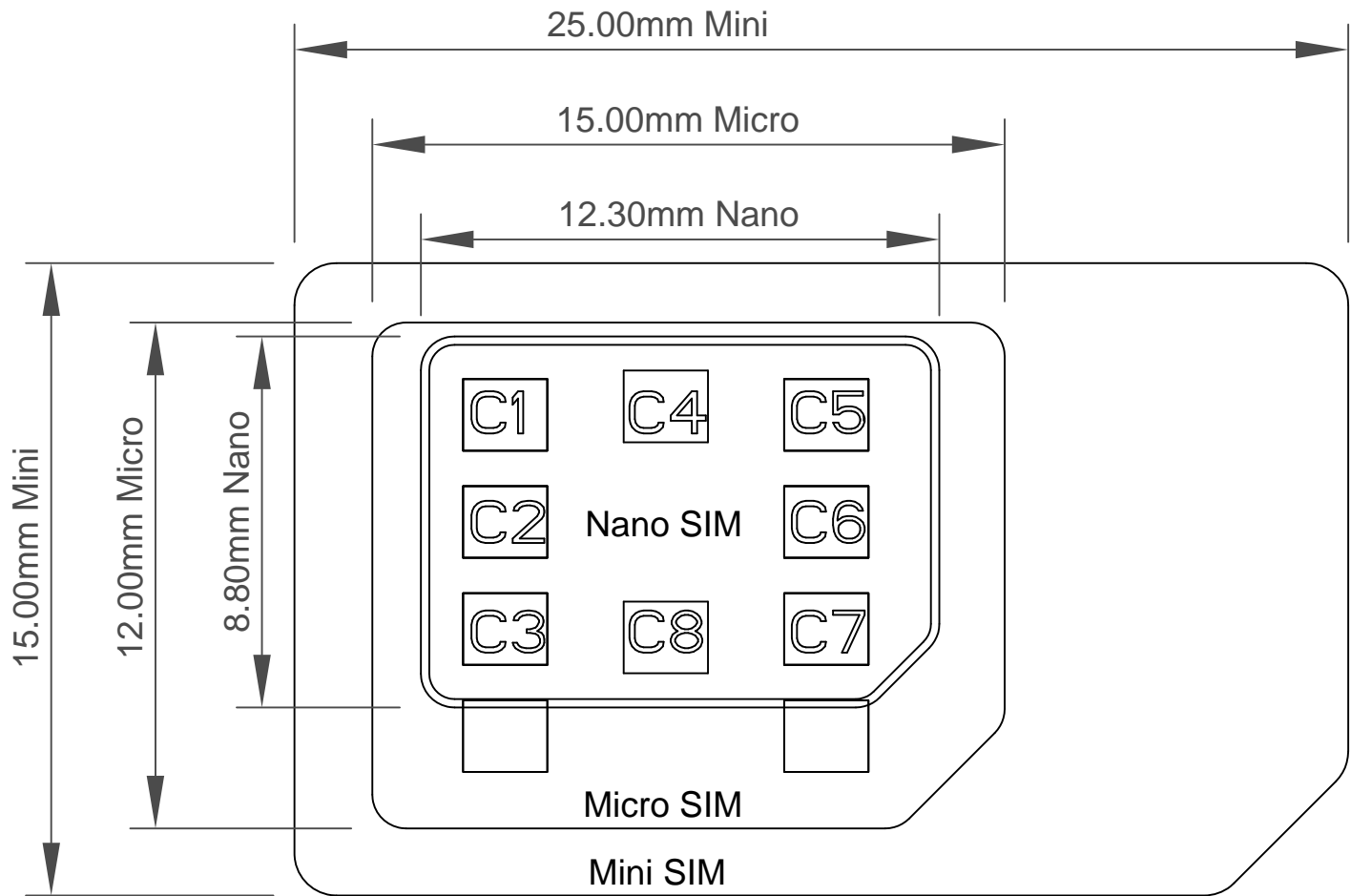
Part Number		Product Description	
SIM8055		Nano SIM Card Connector, Push-Pull Type, with Switch	
Drawing Date		11th April 2018	
By	CC	Tolerances (Except as Noted)	Units:
Detail	Drawing Release	Length	Metric (mm)
Revision	A1	X. ± 0.35	All ± 2°
Date	11/04/18	X.X ± 0.25	
		X.XX ± 0.15	
		X.XXX ± 0.10	



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


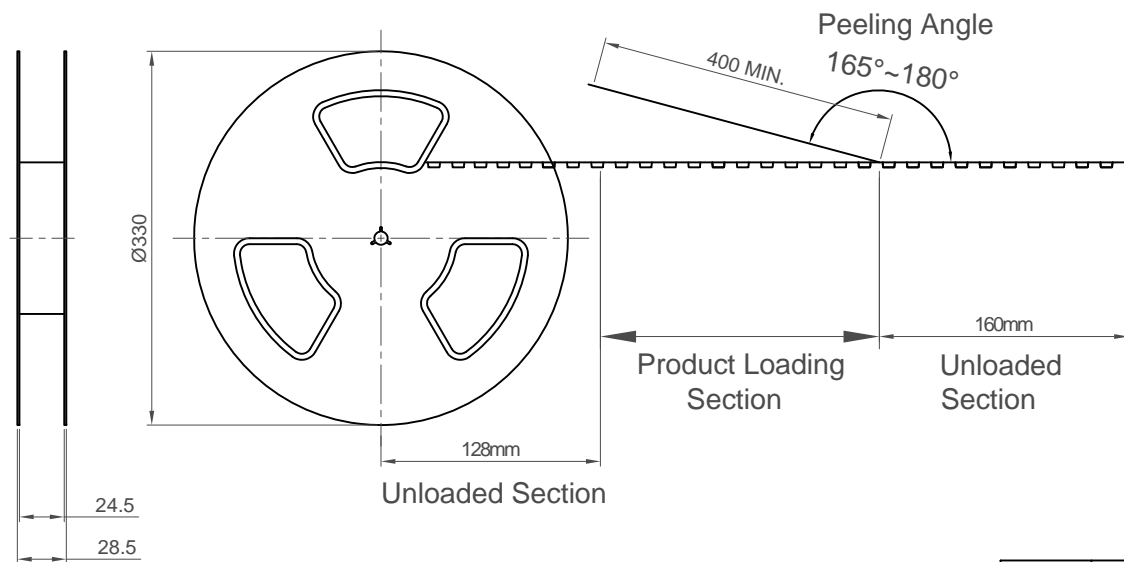
Not to Scale	Drawn By CC	Sheet No. 1/3
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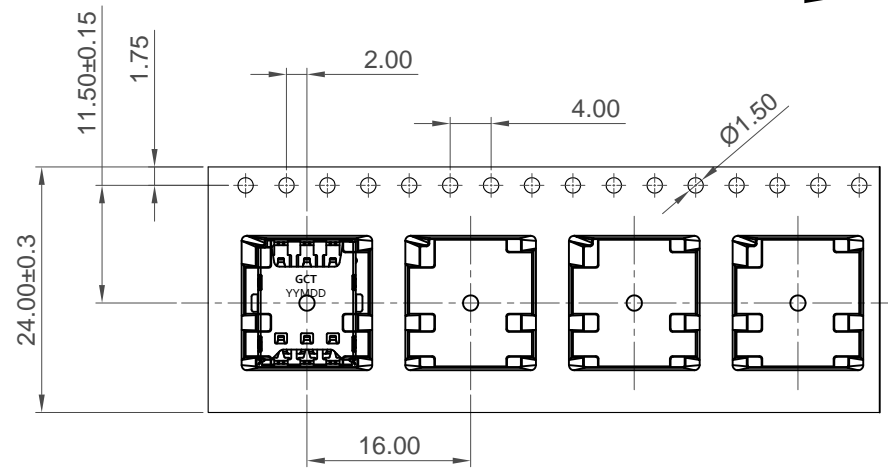
- C1----->VCC
- C2----->RST
- C3----->CLK
- C5----->GND
- C6----->Vpp
- C7----->I/O

Reference

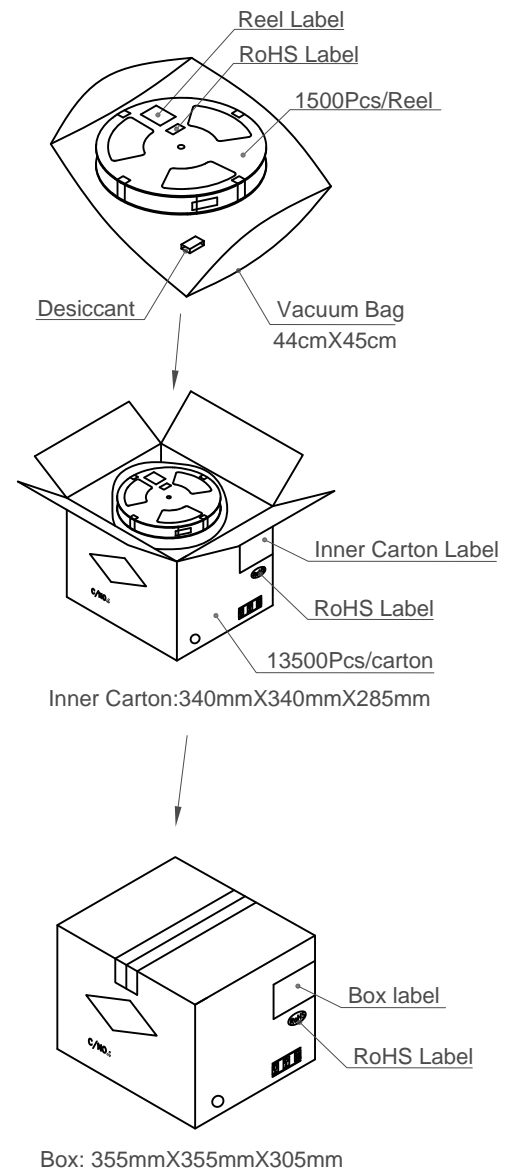
Part Number		Product Description		 www.gct.co
SIM8055		Nano SIM Card Connector, Push-Pull Type, with Switch		
Drawing Date		6 Pin, SMT, Profile 1.35mm		
11th April 2018				
By	CC	Tolerances (Except as Noted)	Units:	  This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE
Detail	Drawing Release	Length	Metric (mm)	
Revision	A1	X. ± 0.35	 All ± 2°	
Date	11/04/18	X.X ± 0.25		
		X.XX ± 0.15		
		X.XXX ± 0.10		
Not to Scale	Drawn By	CC	Sheet No.	2/3



Direction of Unreeling →



Pcs / Reel	Reels / Carton	Total Quality
1500	9	13500



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)
- Bag: PE

Part Number SIM8055		Product Description Nano SIM Card Connector, Push-Pull Type, with Switch	
Drawing Date 11th April 2018		6 Pin, SMT, Profile 1.35mm	
By CC	CC	Tolerances (Except as Noted) Length Angle	Units: Metric (mm)
Detail Drawing Release			
Revision A1		3rd Angle Projection	RoHS COMPLIANT 2011/65/EU Deca-SIDE
Date 11/04/18			

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Not to Scale	Drawn By CC	Sheet No. 3/3
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