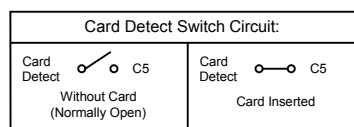


Recommended PCB Layout  
As viewed from component side General Tolerance ±0.05  
Locating peg holes only applicable to locating peg version

Legend: Solder Area Keep Out Area Component Outline



## 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

SIM8055-6-1-14-XX-A

No. of Contacts: 6 = 6  
Switch: 1 = With  
Profile Height (H): 14 = 1.35mm

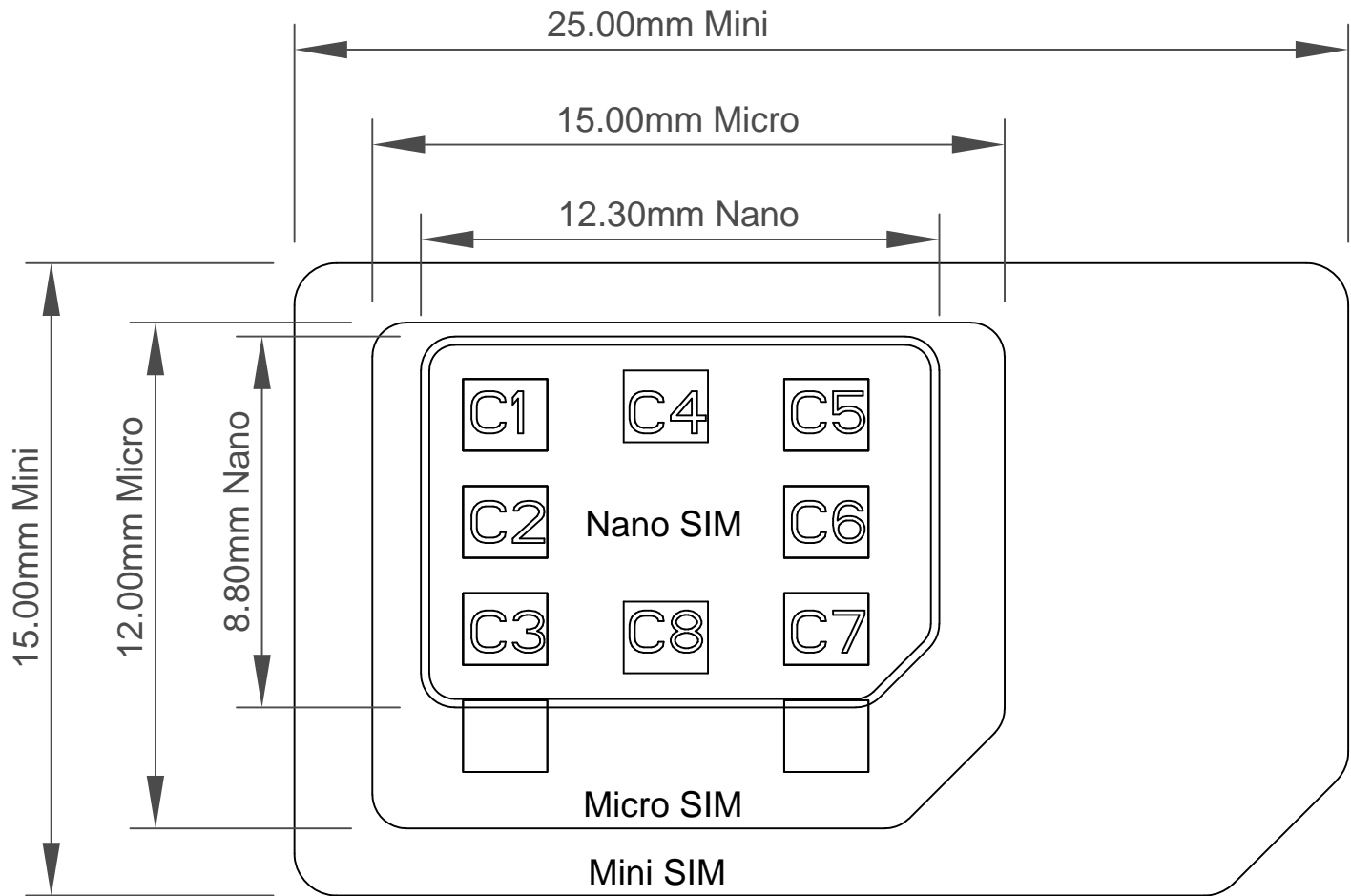
Request Samples and Quotation

Packing Options: A = Tape & Reel (1500 per Reel)  
Locating Peg: 01 = With, 00 = Without

Part Number		Product Description	
SIM8055		Nano SIM Card Connector, Push-Pull Type, with Switch	
Drawing Date		6 Pin, SMT, Profile 1.35mm	
27th November 2017			
By	CC	Tolerances (Except as Noted)	Units:
Detail	Drawing Release	Length	Metric (mm)
Revision	A5	X. ± 0.35	Angle
Date	22/01/21	X.X ± 0.25	All ± 2°
		X.XX ± 0.15	
		X.XXX ± 0.10	

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

# Reference

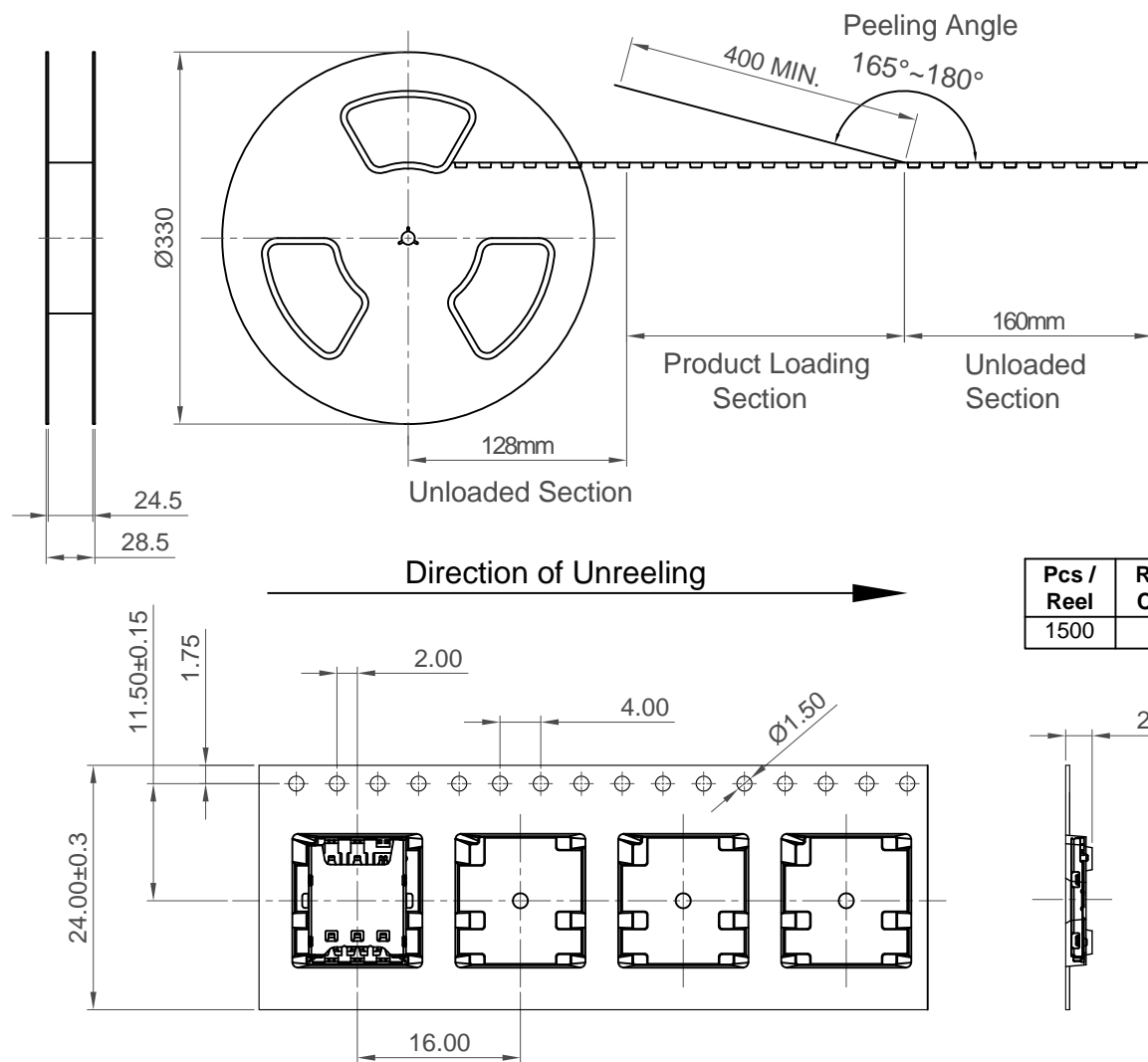
Part Number		Product Description		<div><div><div><div>GCT</div><div>www.gct.co</div></div><div><div>Not to Scale</div><div>Drawn By CC</div><div>Sheet No. 2/3</div></div></div></div>	
SIM8055		Nano SIM Card Connector,Push-Pull Type,with Switch			
Drawing Date		6 Pin, SMT, Profile 1.35mm			
27th November 2017					
By	CC	Tolerances (Except as Noted)		Units:	<div><div><div><div><div><div></div><div>RoHS COMPLIANT 2011/65/EU</div><div>Deca-SDE</div></div></div><div><div>©</div><div>This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E &amp; OE</div></div></div></div></div>
Detail	Drawing Release	Length	Angle	Metric (mm)	
Revision	A5	X. ± 0.35	All ± 2°	<div><div><div><div></div><div></div></div><div>3rd Angle Projection</div></div></div>	
Date	22/01/21	X.XX ± 0.15			
		X.XXX ± 0.10			

5

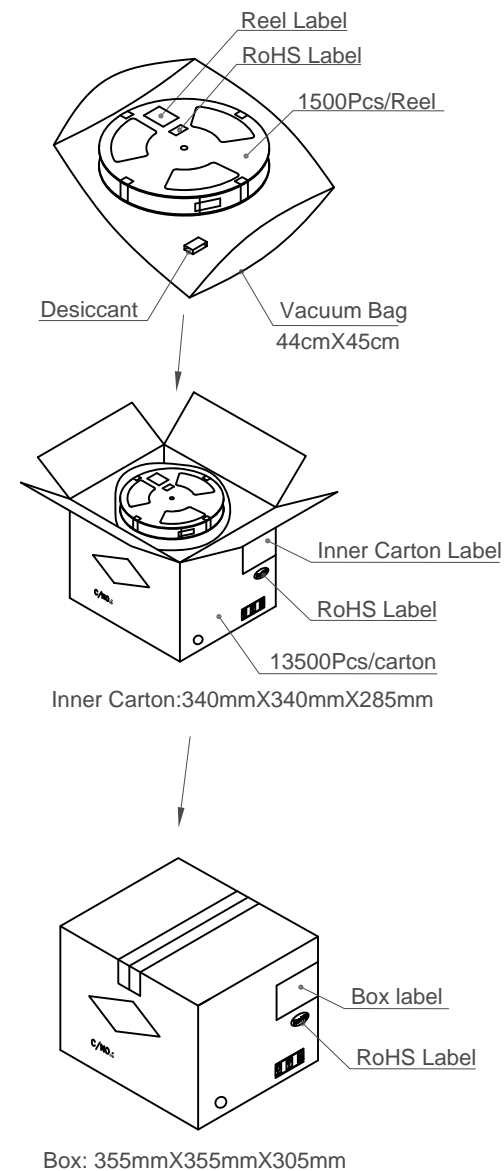
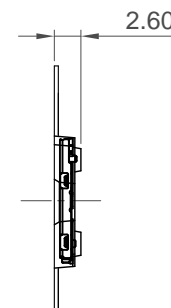
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7

8



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		Product Description	
SIM8055		Nano SIM Card Connector, Push-Pull Type, with Switch	
Drawing Date		6 Pin, SMT, Profile 1.35mm	
27th November 2017			
By	CC	Tolerances (Except as Noted)	Units:
Detail	Drawing Release	Length	Metric (mm)
Revision	A5	Angle	
Date	22/01/21		



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