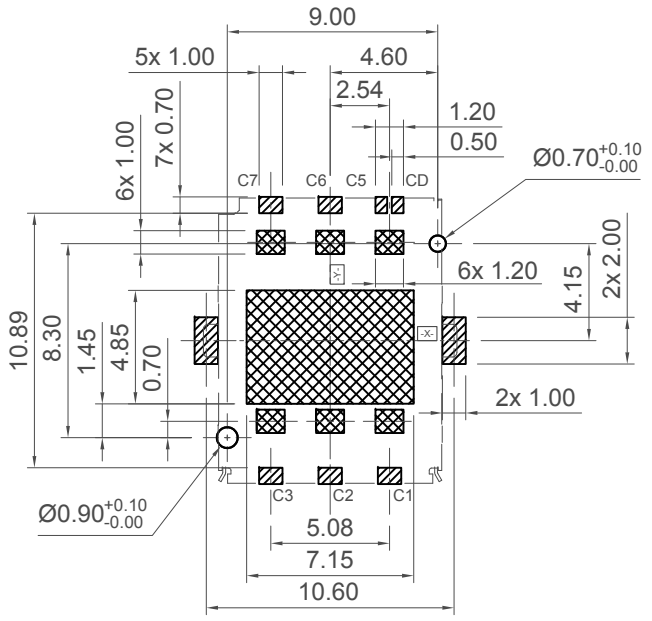
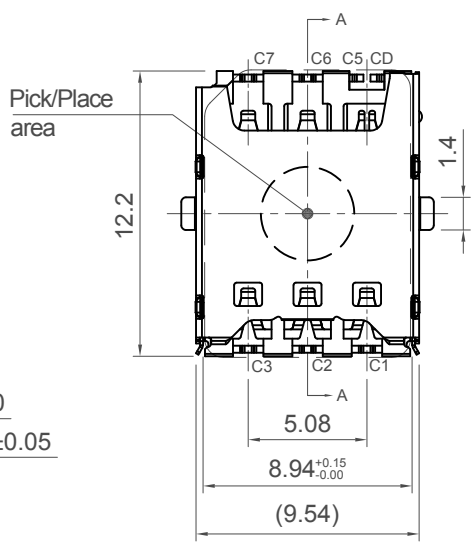
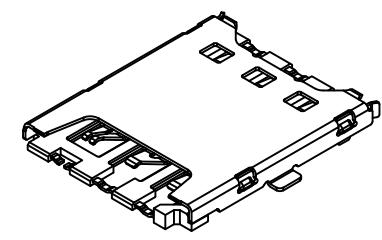


Section A-A



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



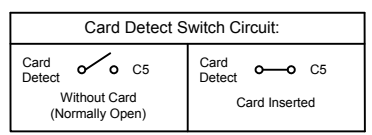
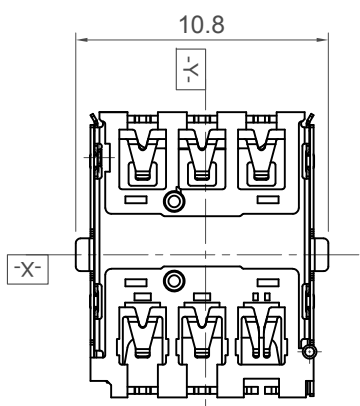
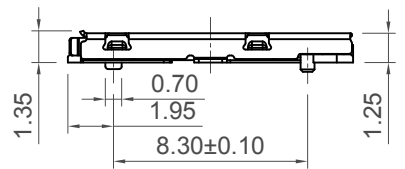
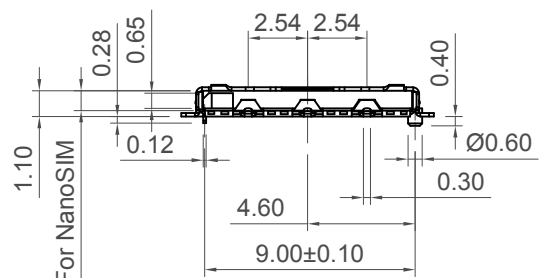
Specification:

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

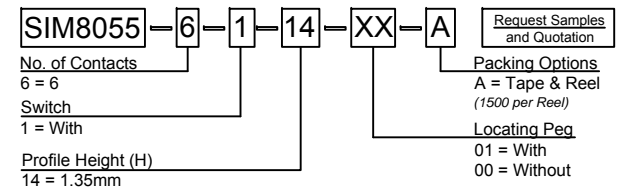
Plating:  
Contact Terminal:  
Contact Area: 3μ" Gold  
Solder area: Gold Flash  
Underplating: Ni overall 50μ" min.  
Cover: Ni overall 50μ" min.

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.



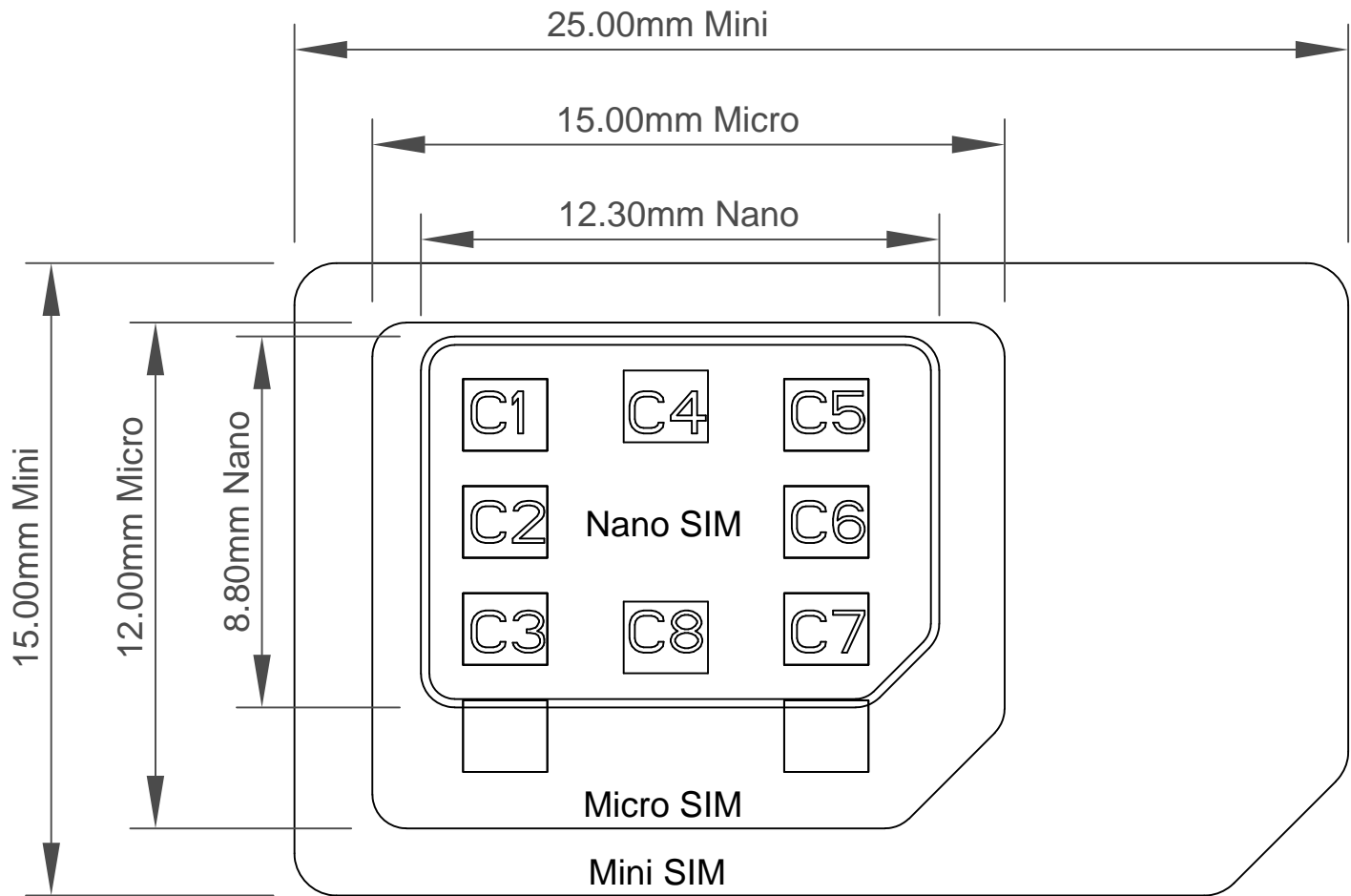
Ordering Grid



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			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
SIM8055		Nano SIM Card Connector, Push-Pull Type, with Switch			
Drawing Date		6 Pin, SMT, Profile 1.35mm			
27th November 2017					Not to Scale
By	CC	Tolerances (Except as Noted)	Units:		
Detail	Drawing Release	Length X. ± 0.35 X.X ± 0.25 X.XX ± 0.15 X.XXX ± 0.10	Metric (mm)		
Revision	A5	All ± 2°			
Date	22/01/21				Drawn By CC

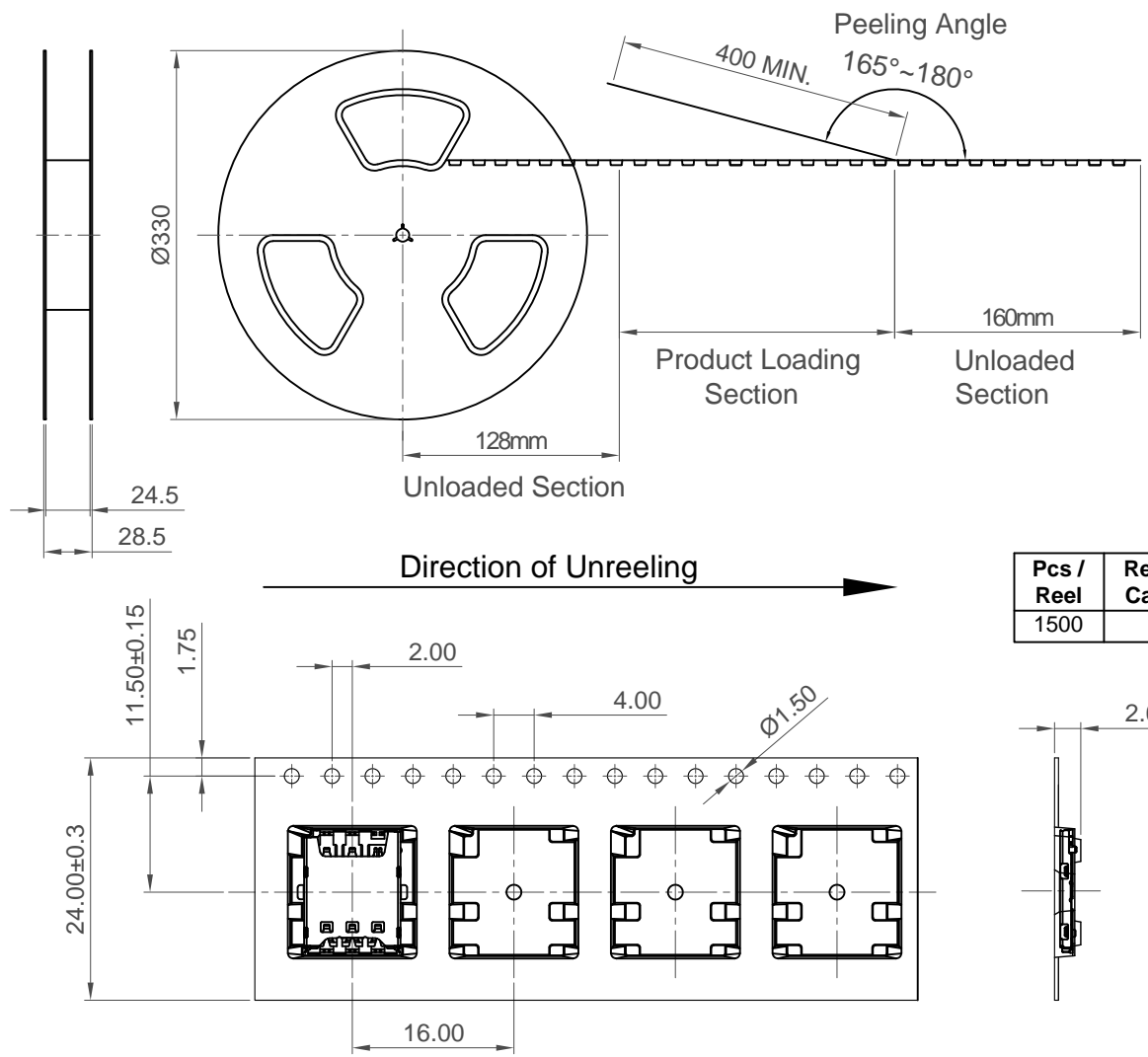




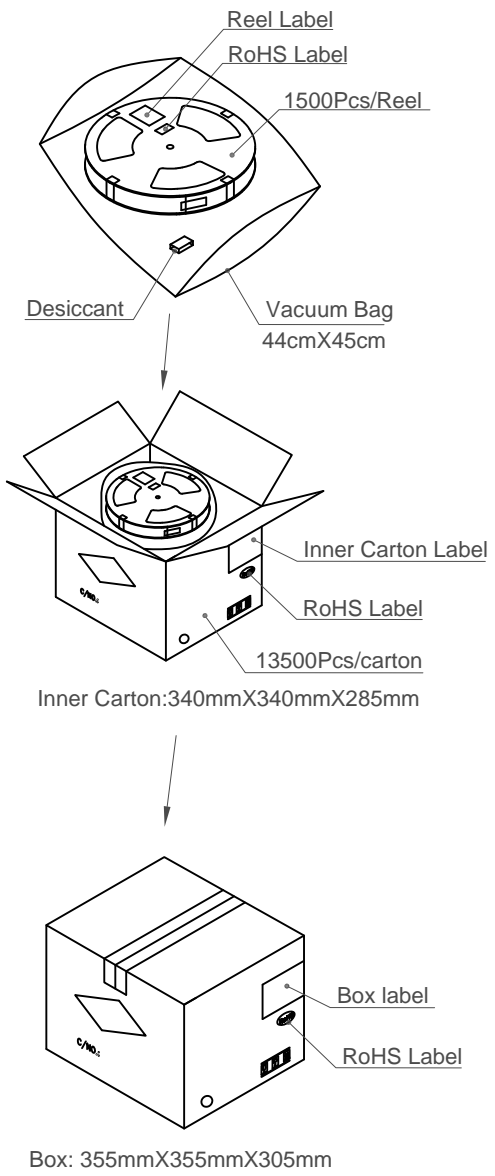
C1----->VCC  
 C2----->RST  
 C3----->CLK  
 C5----->GND  
 C6----->Vpp  
 C7----->I/O

# Reference

Part Number		Product Description		 <a href="http://www.gct.co">www.gct.co</a>
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:	  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	A5	X. ± 0.35	 All ± 2°	
Date	22/01/21	X.X ± 0.25		
		X.XX ± 0.15		
		X.XXX ± 0.10		
Not to Scale	Drawn By	CC	Sheet No.	2/3



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		



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 CC	Sheet No. 3/3
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