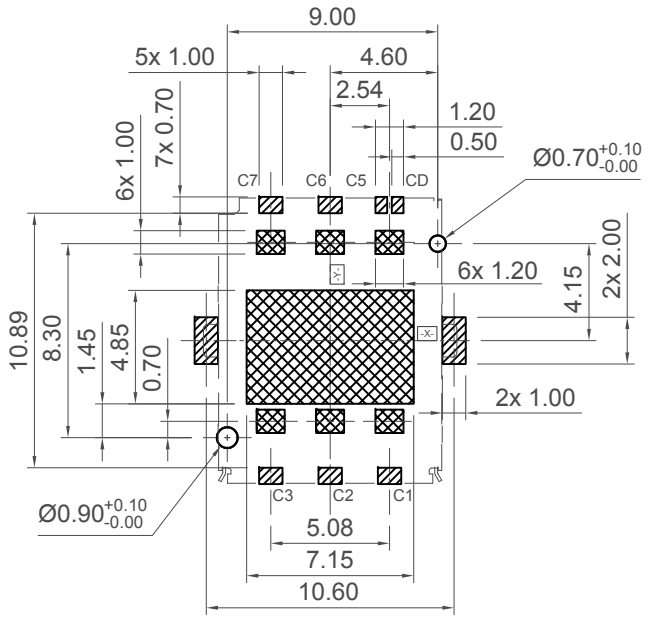
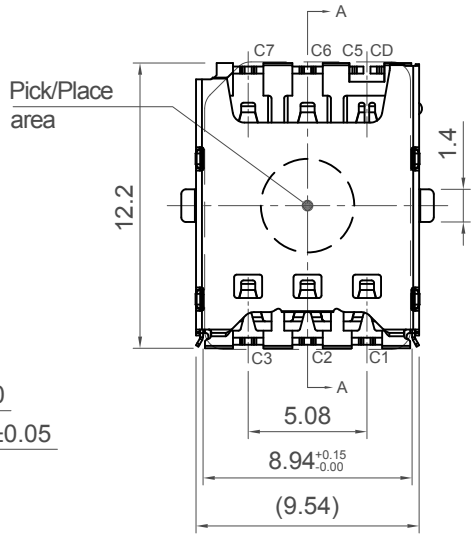
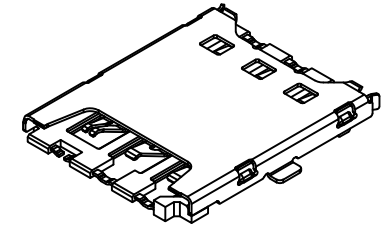


Section A-A



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:

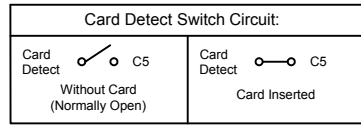
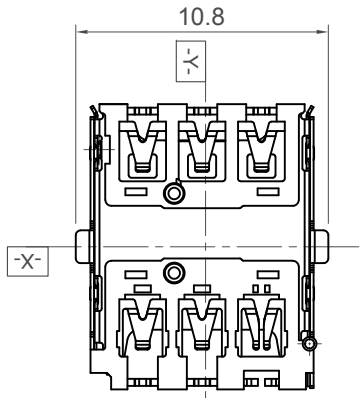
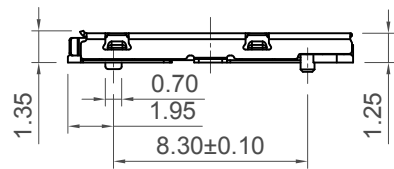
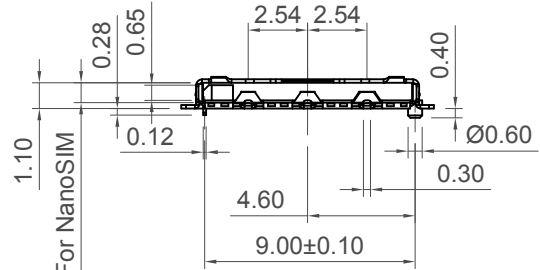
Contact Terminal:
Contact Area: 3μ" Gold
Solder area: Gold Flash
Underplating: Ni overall 50μ" min.
Cover: Ni overall 50μ" min.

Mechanical:

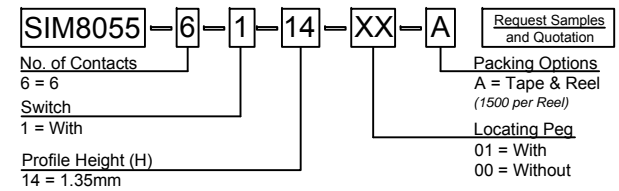
Duration: 5000 cycles

Electrical:

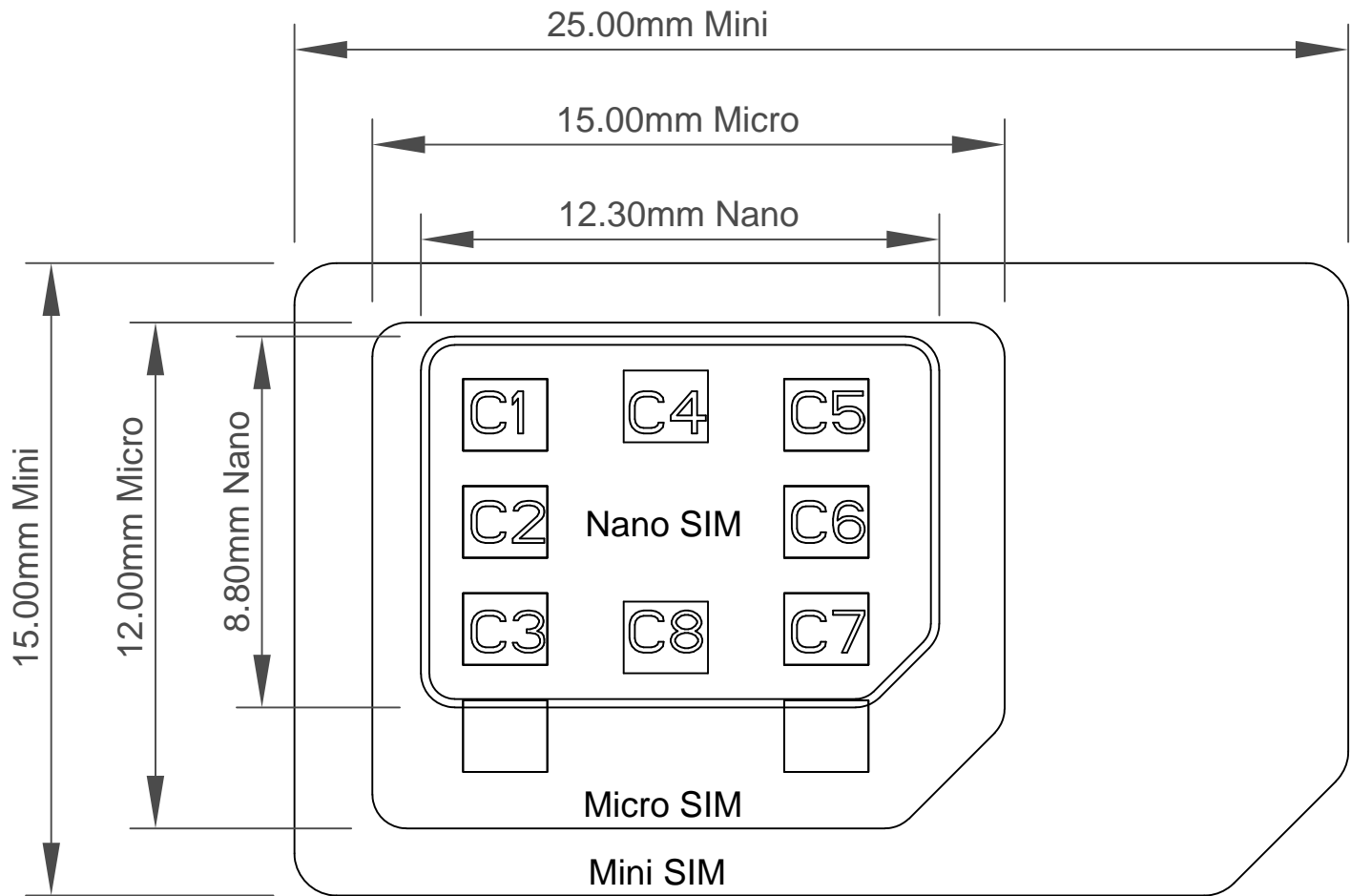
Voltage Rating: 30V max.
Current Rating: 0.5A max.
Operating Temperature: -40°C to +85°C
Dielectric Withstanding Voltage: 100V AC (60 Sec min.)
Insulation Resistance: 1000 MΩ min.
Contact Resistance: 100 mΩ max.



Ordering Grid



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		www.gct.co	
SIM8055		Nano SIM Card Connector, Push-Pull Type, with Switch							
Drawing Date		27th November 2017				Not to Scale		Drawn By CC	
By		CC		Tolerances (Except as Noted) Length Angle X. ± 0.35 X.X ± 0.25 X.XX ± 0.15 X.XXX ± 0.10		Units: Metric (mm)		Sheet No. 1/3	
Detail		Drawing Release		All ± 2°		Dec-SIDE			
Revision		A5							
Date		22/01/21							



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

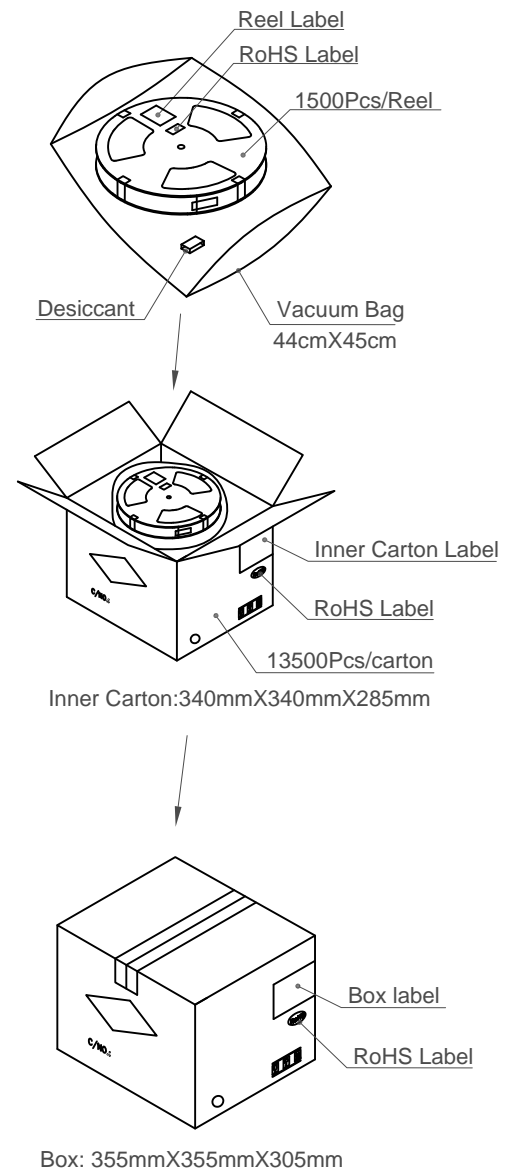
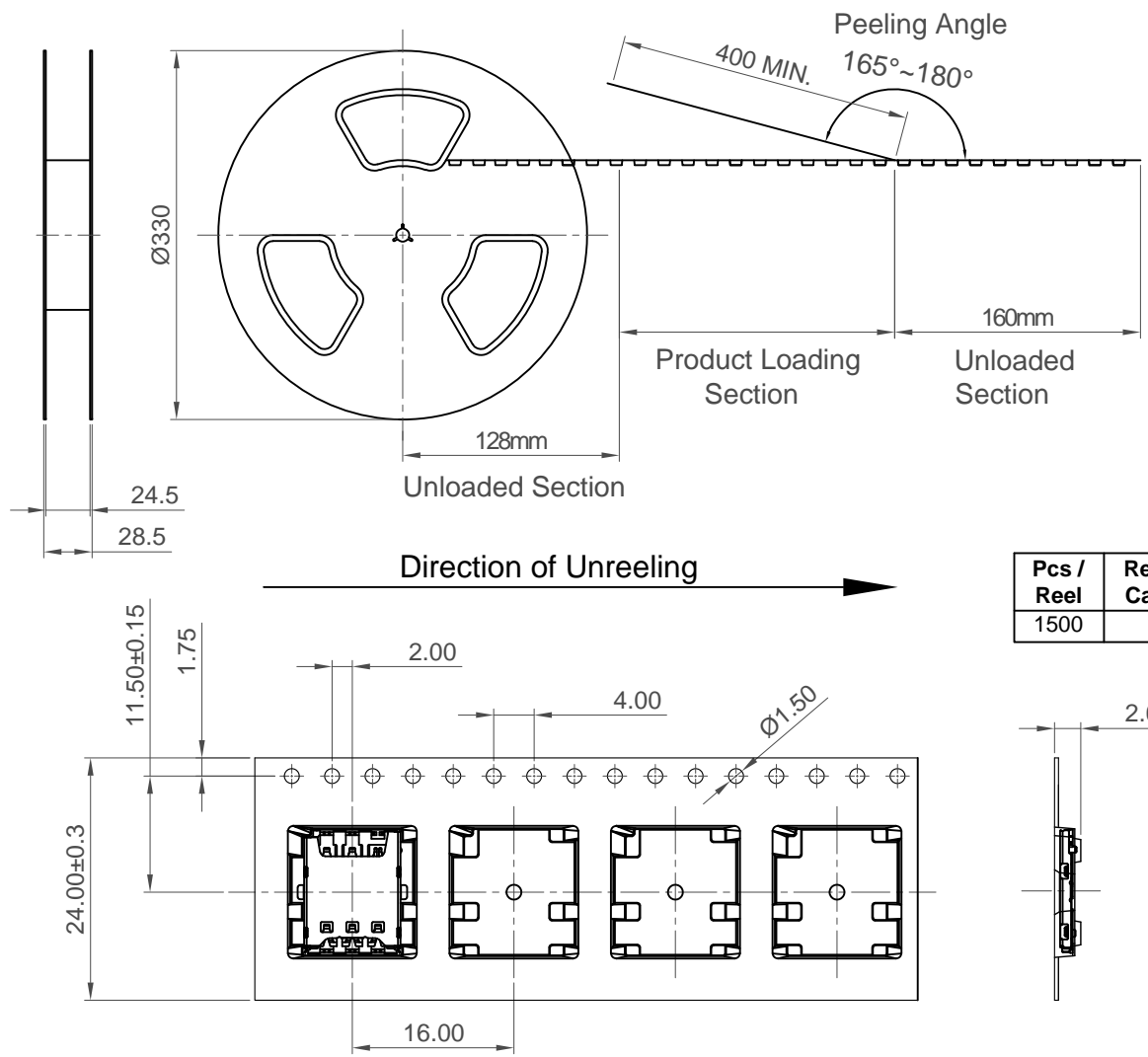
Reference

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	
Date	22/01/21	X.X ± 0.25	
		X.XX ± 0.15	
		X.XXX ± 0.10	
		All ± 2°	
		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.
			2/3



A
B
C
D
E
F
G
H

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