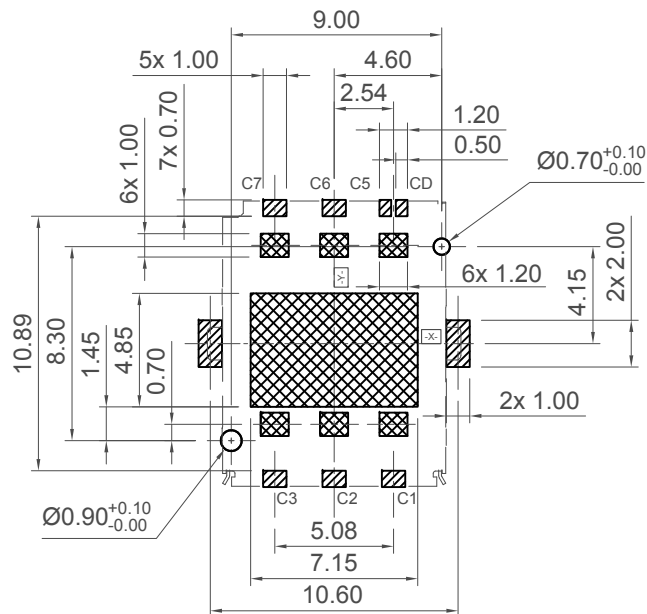
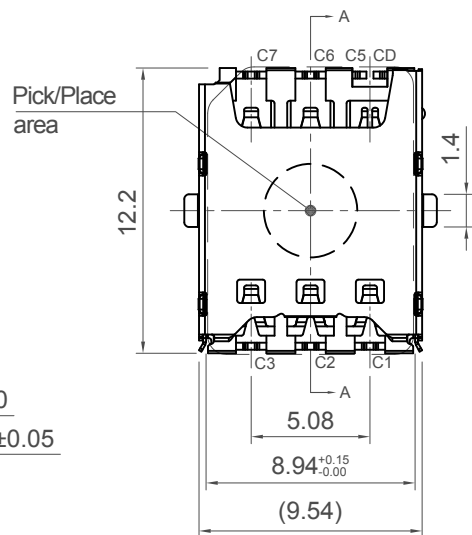
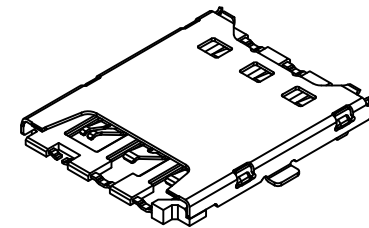


Section A-A



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:

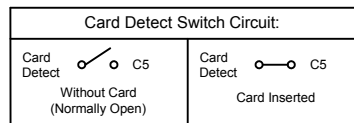
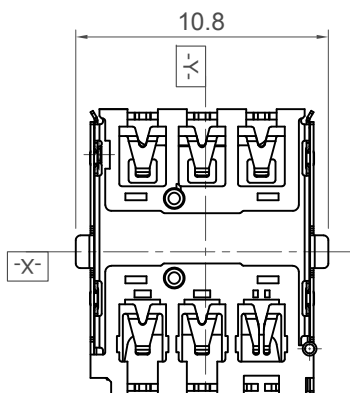
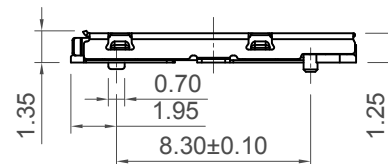
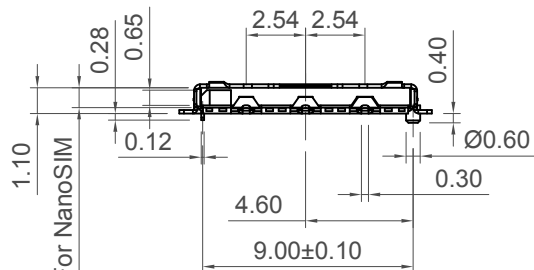
Contact Terminal:
Contact Area: 3μ" Gold
Solder area: Gold Flash
Underplating: Ni overall 50μ" min.
Cover: Ni overall 50μ" min.

Mechanical:

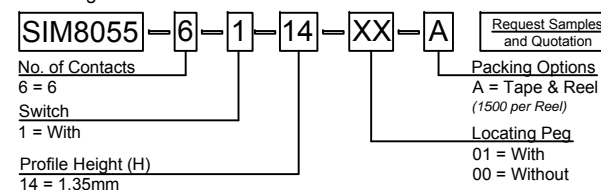
Duration: 5000 cycles

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.



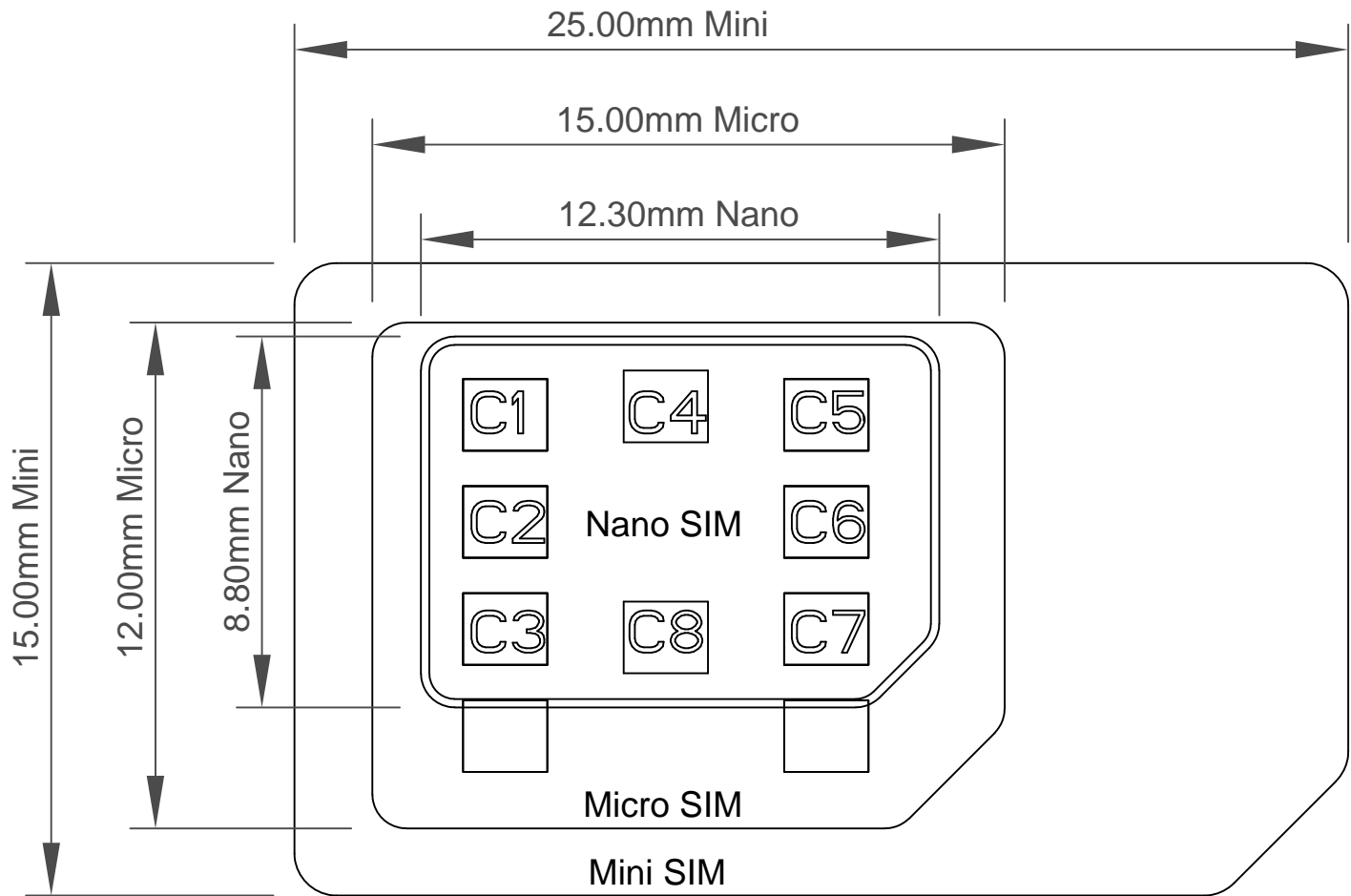
Ordering Grid



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







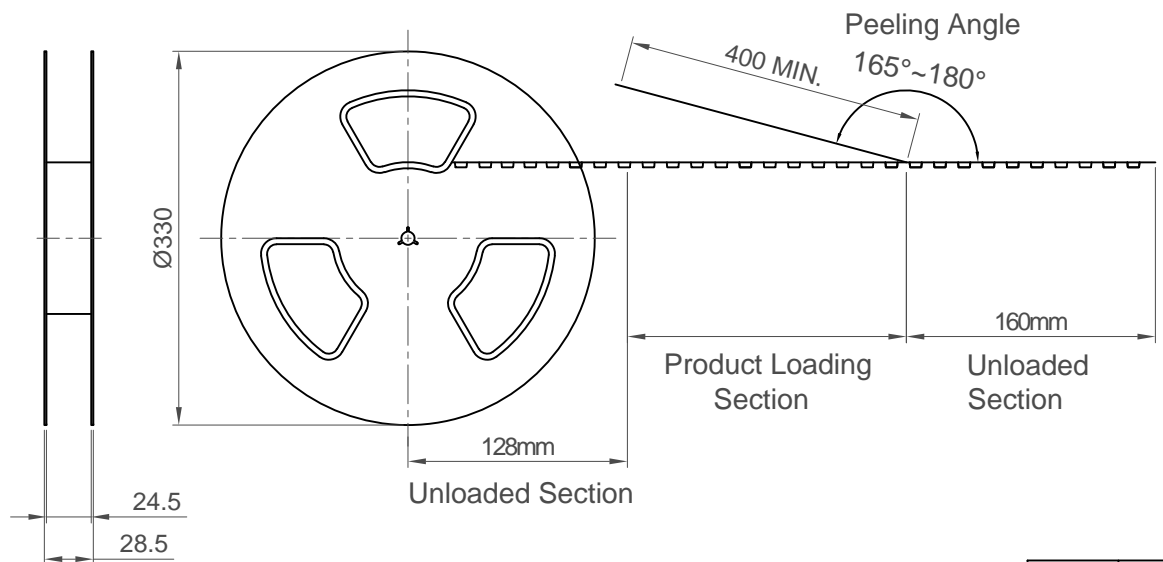
Not to Scale | Drawn By CC | Sheet No. 1/3



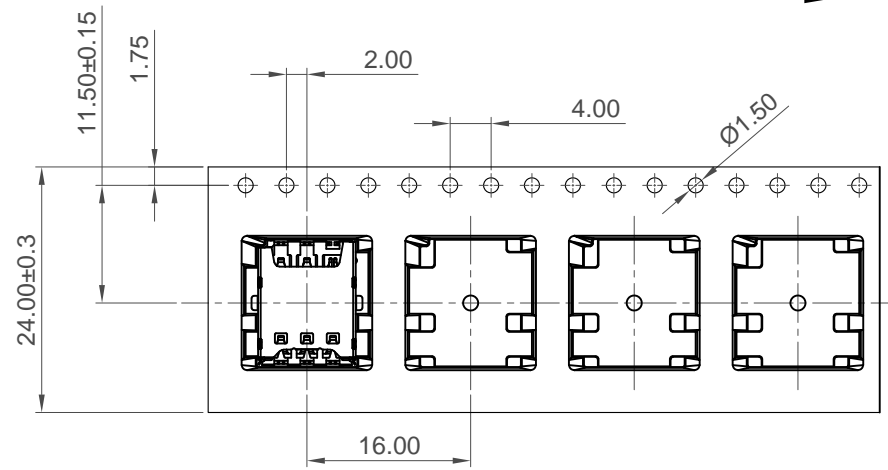
C1----->VCC
 C2----->RST
 C3----->CLK
 C5----->GND
 C6----->Vpp
 C7----->I/O

Reference

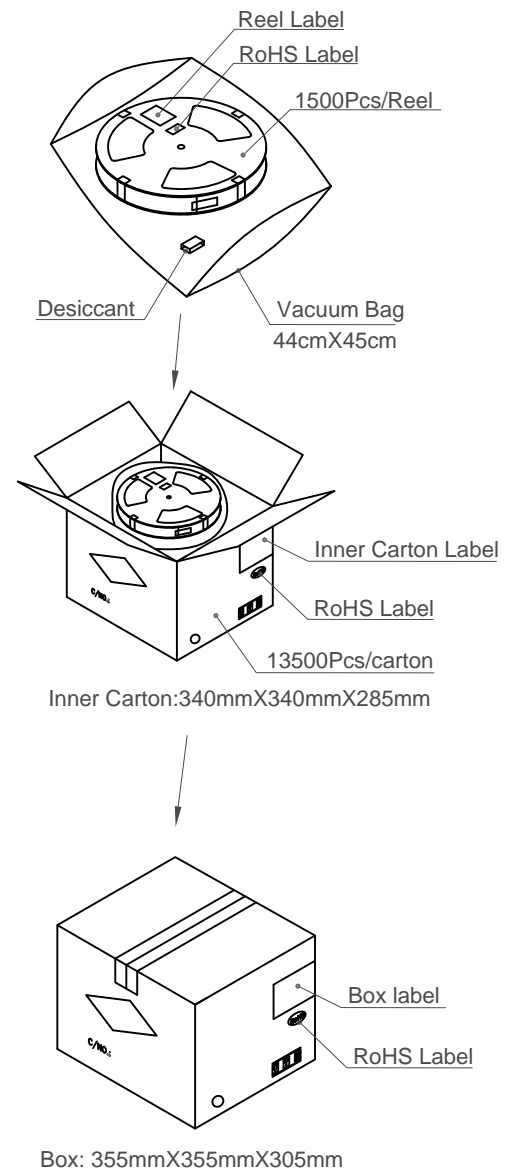
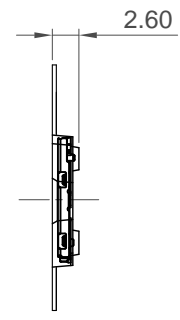
| | | | | |
|--------------------|-----------------|--|--|--|
| Part Number | | Product Description | |  www.gct.co |
| SIM8055 | | Nano SIM Card Connector, Push-Pull Type, with Switch | | |
| Drawing Date | | 6 Pin, SMT, Profile 1.35mm | | |
| 27th November 2017 | | | | |
| By | CC | Tolerances (Except 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 |



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 27th November 2017 | | 6 Pin, SMT, Profile 1.35mm | |
| By CC | Drawing Release | Tolerances (Except as Noted) Length | Angle |
| Detail | AS | Units: Metric (mm) | 3rd Angle Projection |
| Revision | 22/01/21 | | |
| Date | | 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 | |

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