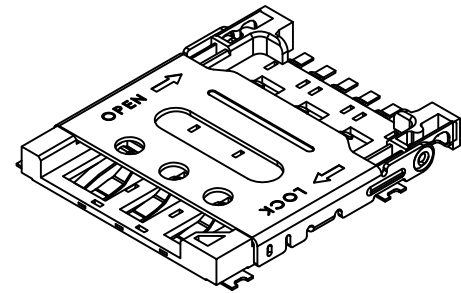


Recommended PCB Layout

(Viewed from Component Side - Tolerance:±0.05mm)

Solder Area
 Keep Out Area
 Component Outline



Specifications

Material

- Plastic Housing: High Temperature Thermoplastic UL94V-0, Black
- Contact Terminal: Copper Alloy
- Metallic Shell: SUS

Plating

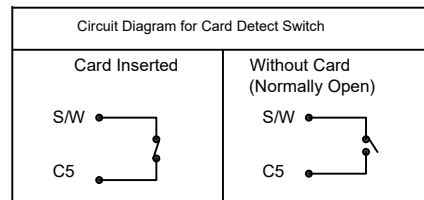
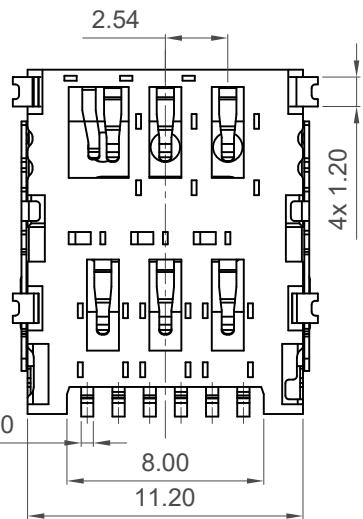
- Contact :1μ" Gold over 50μ" Nickel
- Shell: 30μ" Nickel over all

Electrical

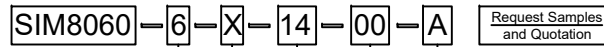
- Voltage rating: 125V AC/DC
- Current Rating: 0.5 Amp AC/DC Max.
- Contact Resistance: 80 mΩ Max.
- Dielectric Withstanding Voltage:500V AC (60 Sec Min.)
- Insulation Resistance: 100 MΩ Min.@100V DC

Mechanical & Environmental

- Operating Temperature: -20°C to +85°C
- Durability : 5,000 cycles



Ordering Grid



- No. of Contacts**
6
- Switch**
0 = Without (Contact SW removed from component)
1 = With
- Profile Height**
14 = 1.43mm
- Packing Options**
A = Tape & Reel (1500pcs per reel)
- Locating Peg**
00 = Without

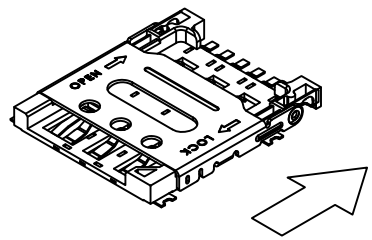
| | | | | |
|--------------------|-----------------|--------------------------------------|-------------|--|
| Part Number | | Product Description | | |
| SIM8060 | | Nano SIM Card Connector | | |
| Drawing Date | | Hinged Type,SMT,6Pin, 1.43mm Profile | | |
| 6th September 2018 | | | | |
| By | CC | Tolerances (Except as Noted) | Units: | |
| Detail | Drawing Release | Length | Metric (mm) | |
| Revision | A2 | X.X ± 0.15 | | |
| Date | 15/10/21 | X.XX ± 0.10 | | |
| | | X.XXX ± 0.05 | ± 1° | 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 |



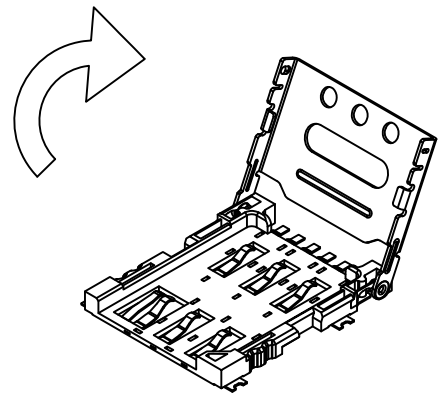
www.gct.co

| | | |
|--------------|-------------|---------------|
| Not to Scale | Drawn By CC | Sheet No. 1/4 |
|--------------|-------------|---------------|

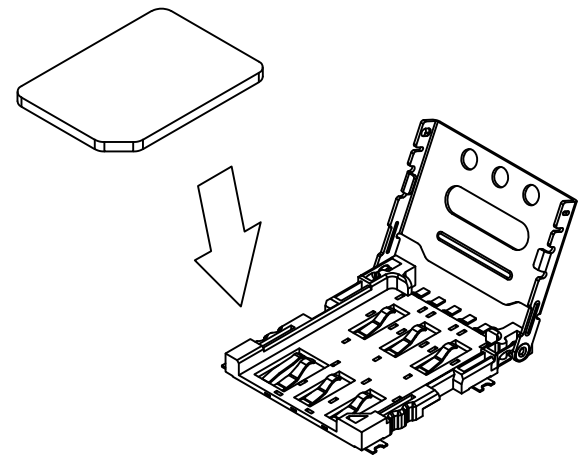
1 Slide metal lid from 'LOCK' position to 'OPEN' position



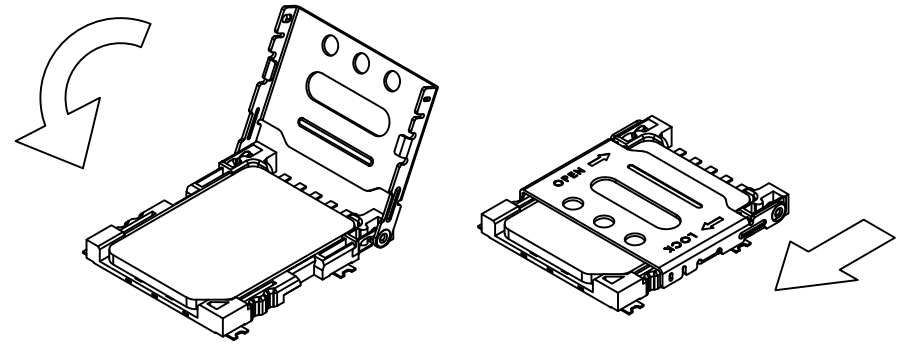
2 Open metal lid to allow Nano SIM card to be inserted







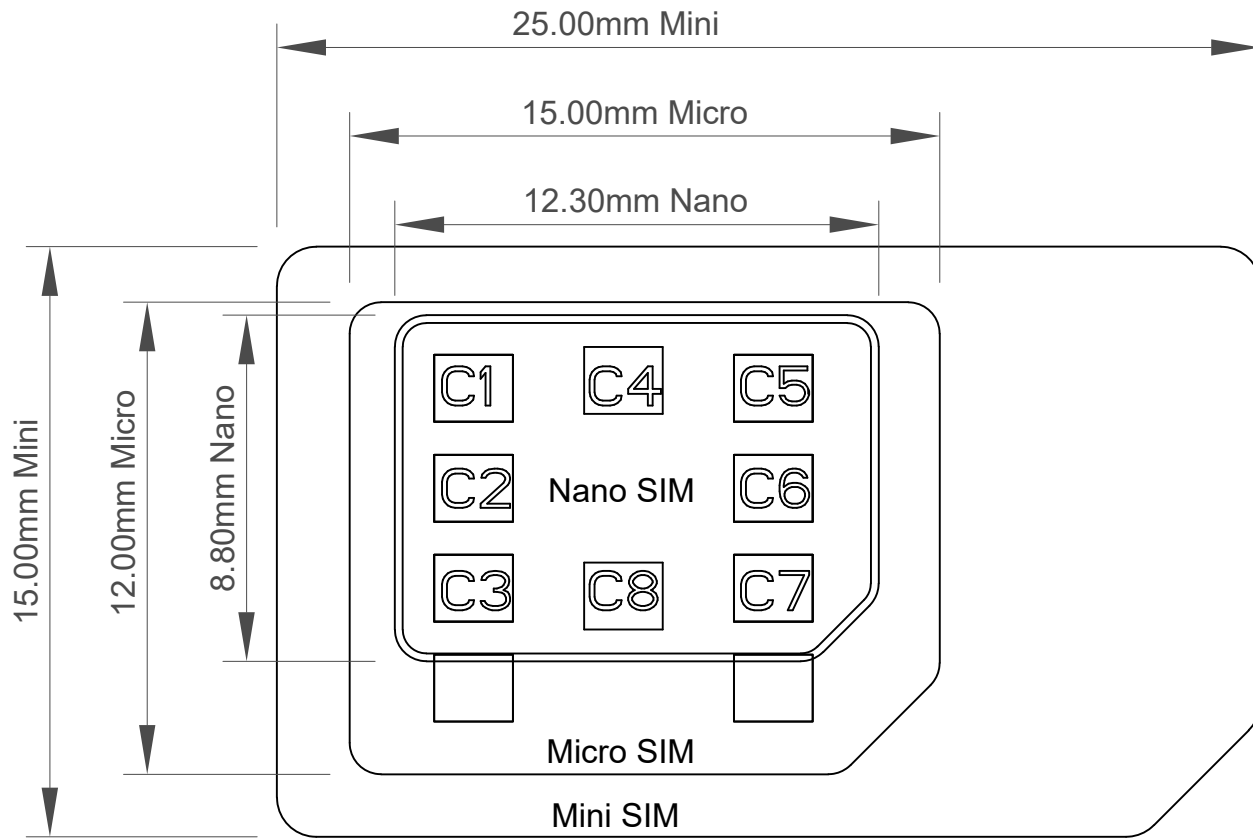
3 Place Nano SIM card against contacts, chip face down



4 Close metal lid and slide back to 'LOCK' position



| | | | | |
|--------------------|-----------------|--|-------|--|
| Part Number | | Product Description | |  www.gct.co |
| SIM8060 | | Nano SIM Card Connector | | |
| Drawing Date | | Hinged Type, SMT, 6Pin, 1.43mm Profile | | |
| 6th September 2018 | | | | |
| By | CC | Tolerances (Except as Noted) | | Units: |
| Detail | Drawing Release | Length | Angle | Metric (mm) |
| Revision | A2 | X.X ± 0.15 | |   |
| Date | 15/10/21 | X.XX ± 0.10 | ± 1° | |
| | | X.XXX ± 0.05 | |  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. |
| | | | | 2/4 |



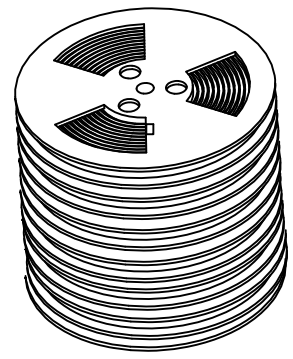
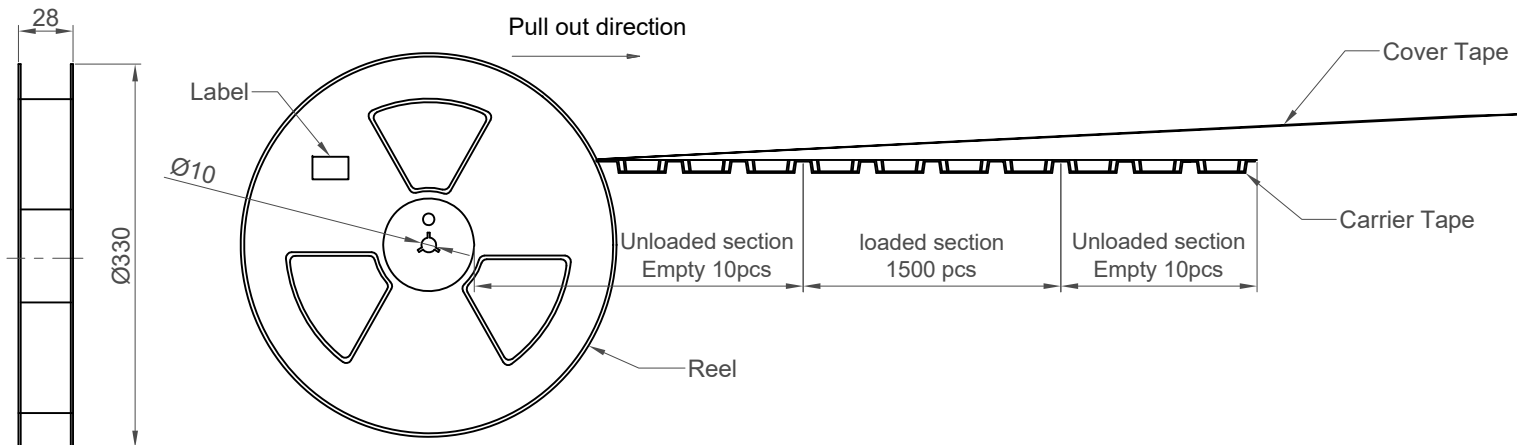
- C1----->VCC
- C2----->RST
- C3----->CLK
- C5----->GND
- C6----->Vpp
- C7----->I/O

Reference

| | | | | | | | |
|--------------------|-----------------|--------------------------------------|--------------|--|--------------|----------------|------------------|
| Part Number | | Product Description | | GCT www.gct.co | | | |
| SIM8060 | | Nano SIM Card Connector | | | | | |
| Drawing Date | | Hinged Type,SMT,6Pin, 1.43mm Profile | | | | | |
| 6th September 2018 | | | | | | | |
| By | CC | Tolerances (Except as Noted) | | Units: | | | |
| Detail | Drawing Release | Length | Angle | Metric (mm) | | | |
| Revision | A2 | X.X ± 0.15 | ± 1° | | | | |
| Date | 15/10/21 | X.XX ± 0.10 | X.XXX ± 0.05 | | | | |
| | | | | | | | |
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| | | | | <table border="1"> <tr> <td>Not to Scale</td> <td>Drawn By CC</td> <td>Sheet No. 3/4</td> </tr> </table> | Not to Scale | Drawn By CC | Sheet No. 3/4 |
| Not to Scale | Drawn By CC | Sheet No. 3/4 | | | | | |

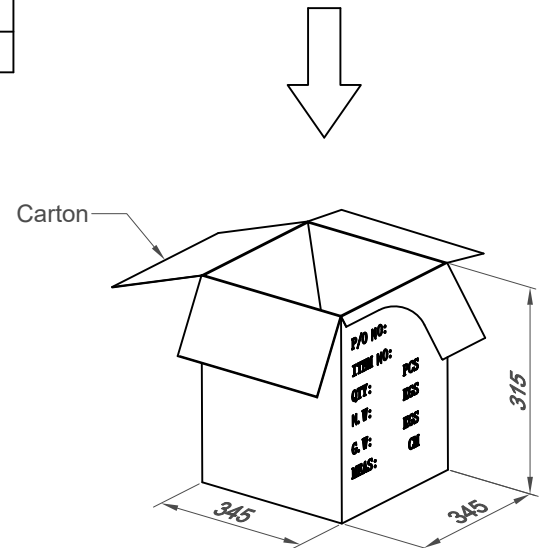
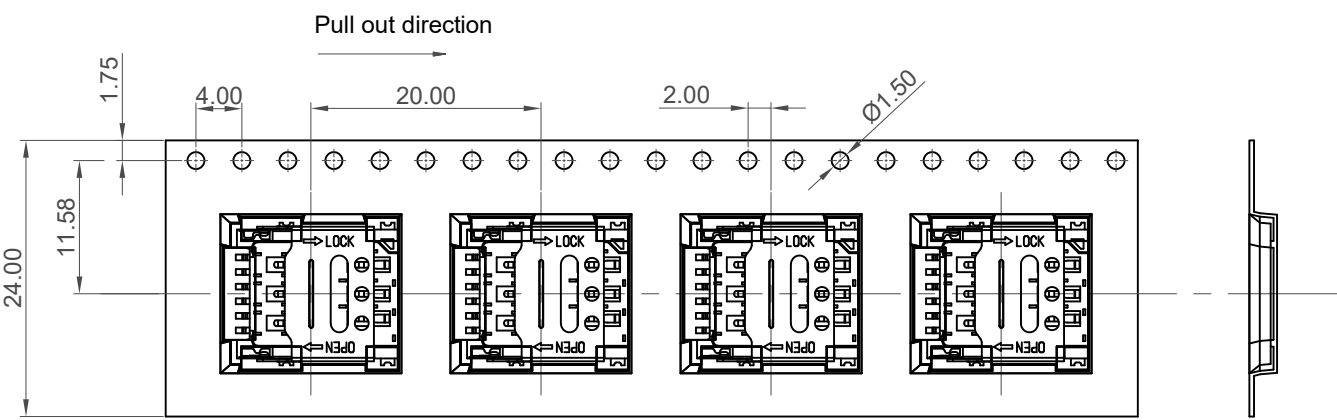
H
G
F
E
D
C
B
A

1 2 3 4 5 6 7 8



1500pcsX10=15000pcs

| Pcs/Reel | Reels/Carton | Pcs/Carton | Carton Dimensions |
|----------|--------------|------------|-------------------|
| 1500 | 10 | 15000 | 345 x 345 x 315mm |



| | | | |
|--------------------|-----------------|--------------------------------------|--------------------------|
| Part Number | | Product Description | |
| SIM8060 | | Nano SIM Card Connector | |
| Drawing Date | | Hinged Type,SMT,6Pin, 1.43mm Profile | |
| 6th September 2018 | | | |
| By | CC | Tolerances (Except as Noted) | Units: |
| Detail | Drawing Release | Length | Metric (mm) |
| Revision | A2 | X.X ± 0.15 | 3rd Angle Projection |
| Date | 15/10/21 | X.XX ± 0.10 | |
| | | X.XXX ± 0.05 | |



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