

Specification:

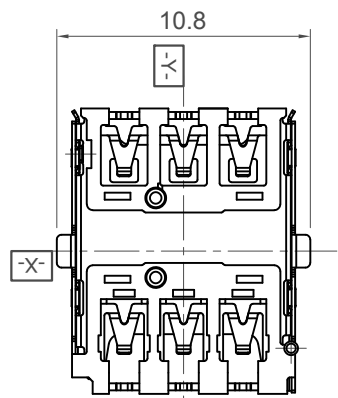
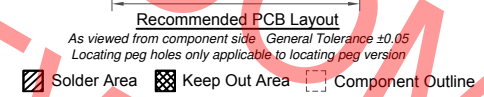
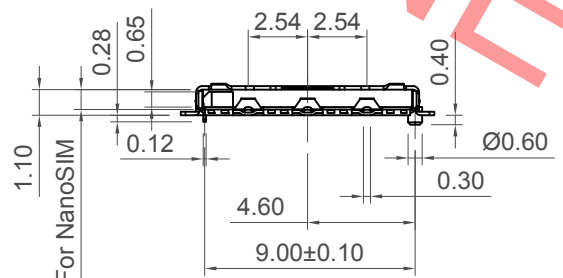
Material:  
 Plastic Housing: LCP 30%GF, UL94V-0, Black  
 Contact Terminal: Phosphor Bronze, T=0.12mm  
 Cover: SUS301-H, T=0.15mm

Plating:  
 Contact Terminal:  
 Contact Area: 15µm Gold  
 Solder area: Gold Flash  
 Underplating: Ni overall 50µm min.  
 Cover : Ni overall 50µm min.

Electrical:  
 Voltage Rating: 30V max.  
 Current Rating: 0.5A max.  
 Dielectric Withstanding Voltage: 100V AC (60 Sec min. 60)  
 Insulation Resistance: 1000 MΩ min.  
 Contact Resistance: 100 mΩ max.

Mechanical & Environmental  
 Operating Temperature: -40°C to +85°C  
 Durability: 5000 cycles

Ordering Grid  
**SIM8050-6-0-14-XX-A** Request Samples and Quotation  
 No. of Contacts: 6 = 6  
 Switch: 0 = Without  
 Profile Height (H): 14 = 1.35mm  
 Packing Options: A = Tape & Reel (1500 per Reel)  
 Locating Peg: 01 = With (Standard), 00 = Without

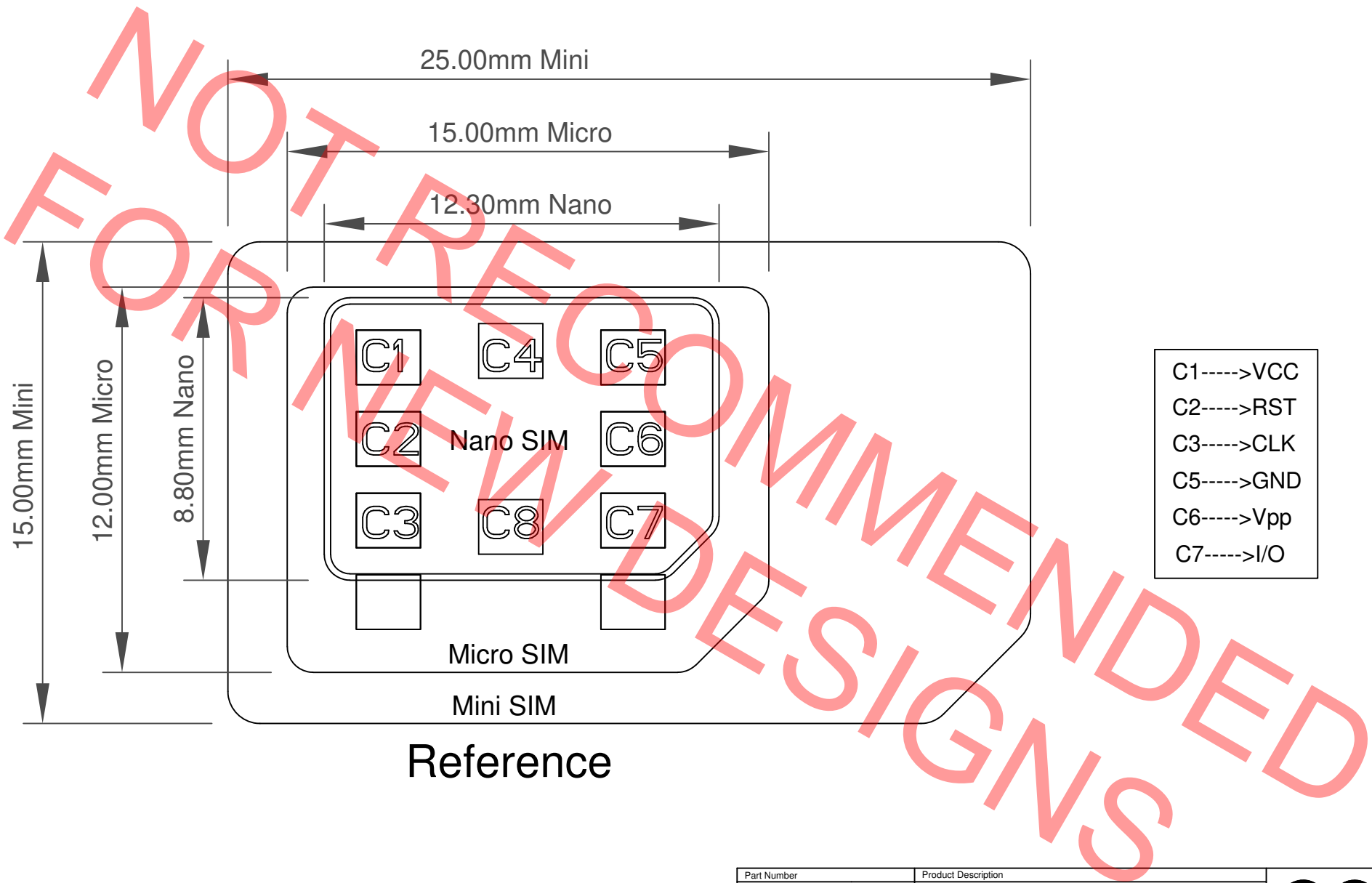


|               |                  |   |             |
|---------------|------------------|---|-------------|
| Part Number   |                  | Product Description   |             |
| SIM8050       |                  | Nano SIM Card Connector   |             |
| Drawing Date  |                  | Push-Pull Type, 6 Pin, SMT, Profile 1.35mm                              |             |
| 3rd June 2013 |                  |   |             |
| By            | CC               | Tolerances (Except as Noted)  | Units:      |
| Detail        | SIM8050<br>F PCN | Length<br>X. ± 0.35<br>XX ± 0.25<br>X.XX ± 0.15<br>Date<br>X.XXX ± 0.10 | Metric (mm) |
| Revision      | F5               | All ± 2°  |             |
| Date          | 22/01/21         |   |             |




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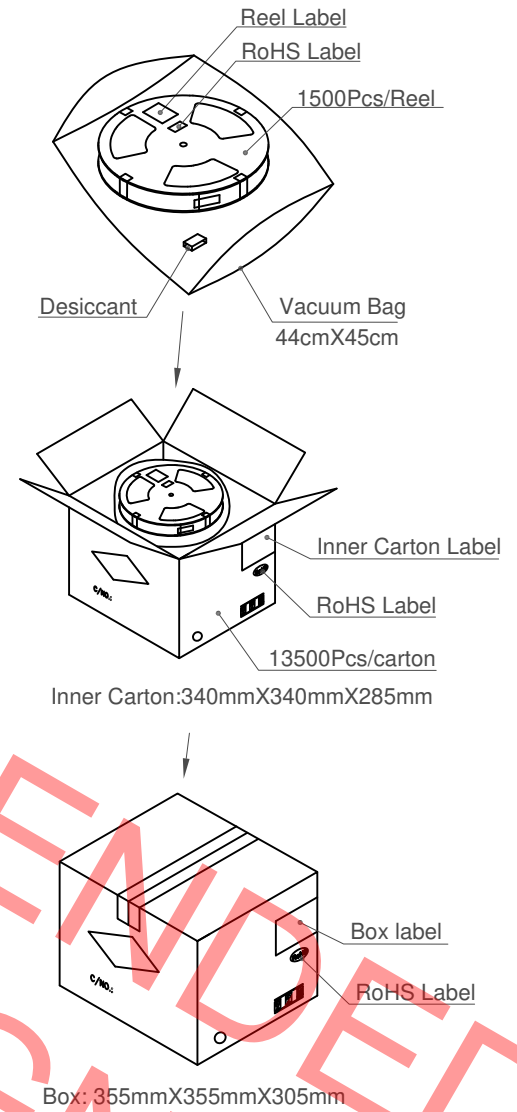
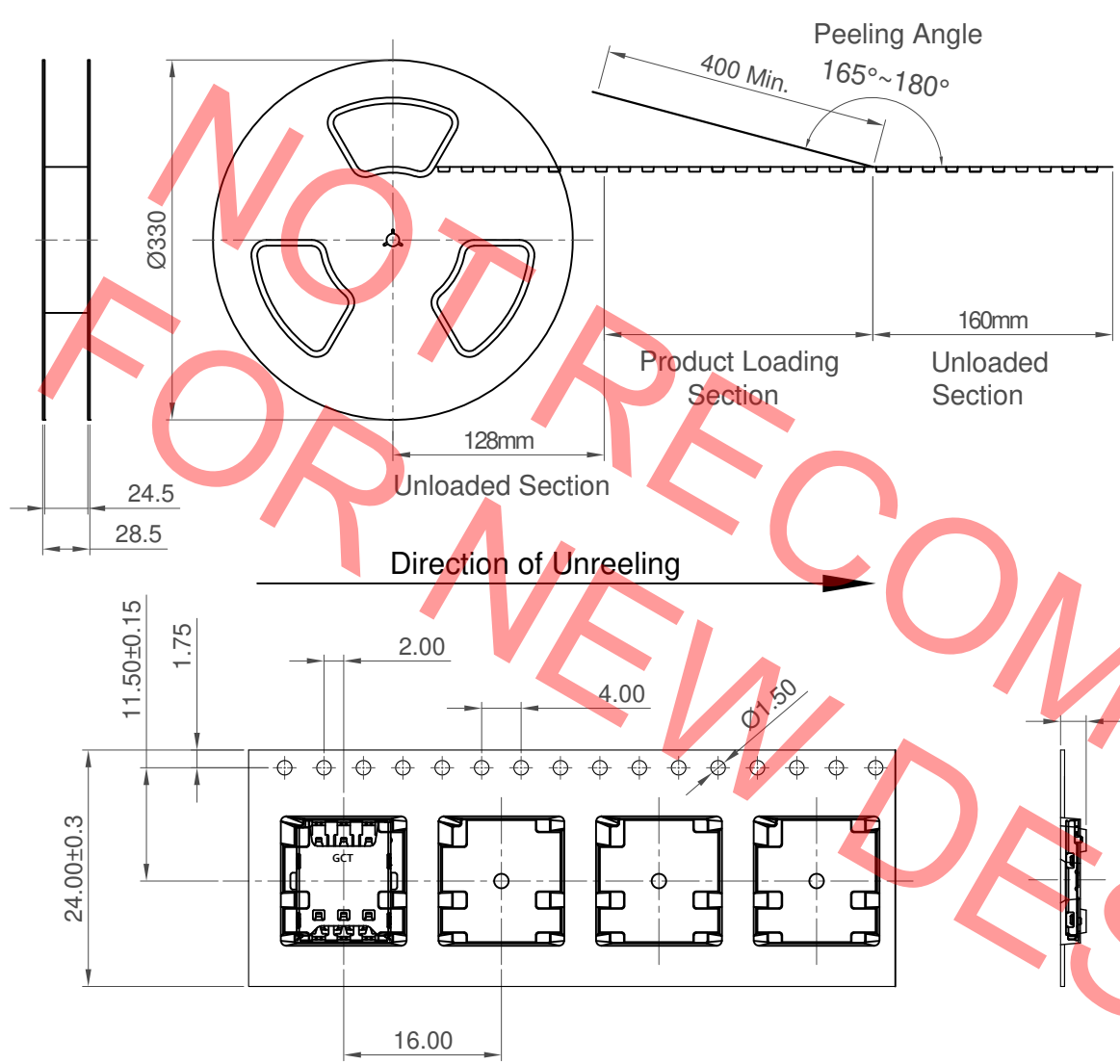


|              |              |               |
|--------------|--------------|---------------|
| Not to Scale | Drawn By AJO | Sheet No. 1/3 |
|--------------|--------------|---------------|



Reference




|               |                  |  |   |   |
|---------------|------------------|--|---|---|
| Part Number   |                  | Product Description                        |   | <br><a href="http://www.gct.co">www.gct.co</a>   |
| SIM8050       |                  | Nano SIM Card Connector                    |   |   |
| Drawing Date  |                  | Push-Pull Type, 6 Pin, SMT, Profile 1.35mm |   |   |
| 3rd June 2013 |                  |  |   |   |
| By            | CC               | Tolerances (Except as Noted)               | Units:  | <br>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        | SIM8050<br>F PCN | Length                                     | Metric (mm)   |   |
| Revision      | F5               | X. ± 0.35                                  | <br>All ± 2° |   |
| Date          | 22/01/21         | X.X ± 0.25                                 |   |   |
|               |                  | X.XX ± 0.15                                |   |   |
|               |                  | X.XXX ± 0.10                               |   |   |
| Not to Scale  | Drawn By         | AJO  | Sheet No.   | 2/3   |



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)  
 Vacuum Bag: PE

| Products P/N | Pcs / Reel | Reels/Carton | Reels/Carton |
|--------------|------------|--------------|--------------|
| SIM8050      | 1500       | 9            | 13500        |

|                               |  |  |  |   |
|-------------------------------|--|--|--|---|
| Part Number<br>SIM8050        |  | Product Description<br>Nano SIM Card Connector<br>Push-Pull Type, 6 Pin, SMT, Profile 1.35mm |  | <br><a href="http://www.gct.co">www.gct.co</a> |
| Drawing Date<br>3rd June 2013 |  |  |  |   |
| By<br>CC                      | Tolerances (Except as Noted)<br>Length Angle | Units:<br>Metric (mm)  |   |   |
| Detail<br>SIM8050<br>F PCN    |  |  |  |   |
| Revision<br>FS                |  |  |  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  |
| Date<br>22/01/21              |  |  |  | Drawn By<br>AJO   |