

**Specifications**

- Material**  
 Housing: LCP, UL94V-0, Black  
 Slider: LCP, UL94V-0, Black  
 Contact: Copper Alloy  
 Shell: Stainless Steel  
 Link: Stainless Steel  
 Spring: SWP-B

**Plating**

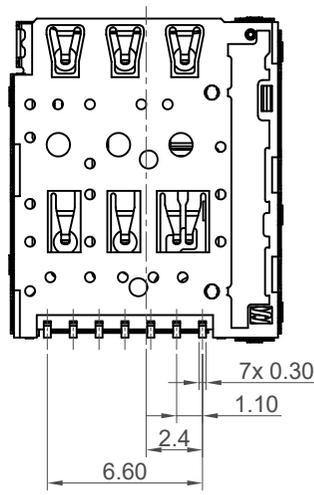
- Contact :**  
 Contact Area: Gold Flash  
 Solder Tail: Gold Flash  
 Underplating: 50µ" min. Nickel  
**Shell:**  
 Solder Tail: Gold Flash  
 Underplating: 30µ" min. Nickel  
**Link:** Clear  
**Spring:** Nickel

**Electrical**

- Voltage Rating: 30V AC/DC  
 Current Rating: 0.5A  
 Contact Resistance:  
 Signal contact: 100 mΩ Max.  
 Dielectric Withstanding Voltage:  
 500V AC (60 Sec Min. )  
 Insulation Resistance:  
 1000 MΩ Min. @500V DC

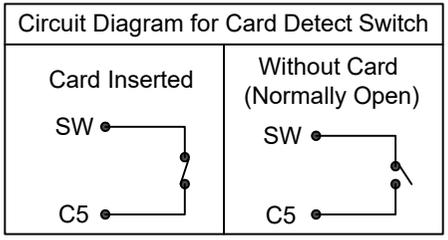
**Mechanical & Environmental**

- Operating Temperature: -40°C to +75°C  
 Durability : 5,000 cycles

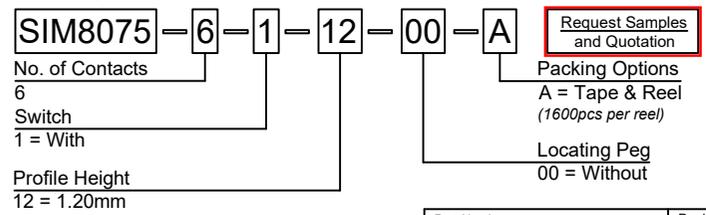


**Recommended PCB Layout**

(Viewed from Component Side - Tolerance:±0.05mm)  
 ▨ Solder Area ▩ Keep Out Area □ Component Outline

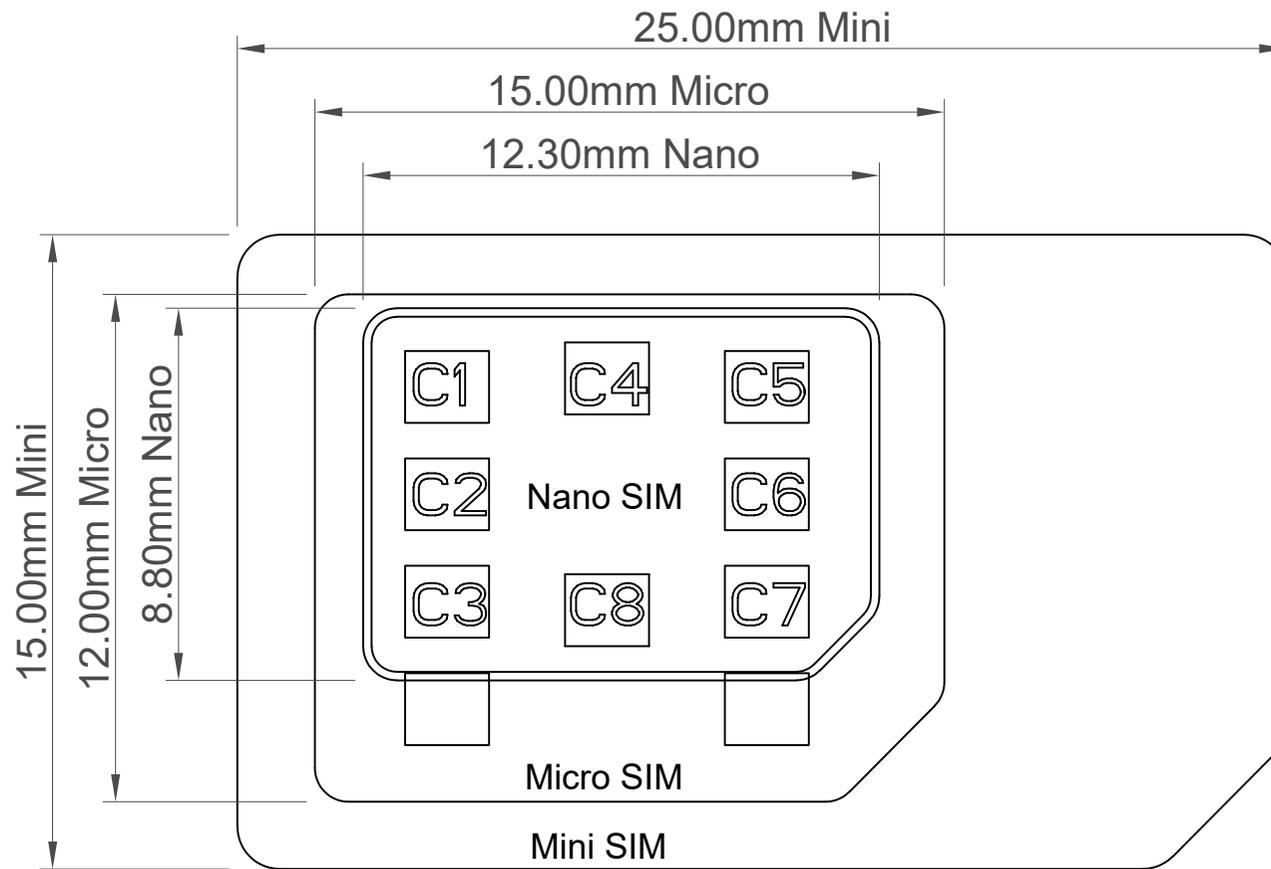


**Ordering Grid**



|                           |                 |  |                      |
|---------------------------|-----------------|--|----------------------|
| Part Number               |                 | Product Description  |                      |
| SIM8075                   |                 | Nano SIM Card Connector Push-Push Type, SMT, 6Pin, 1.20mm Profile  |                      |
| Drawing Date              |                 | 15th December 2025   |                      |
| By                        | KY              | Tolerances (Except as Noted)   | Units:               |
| Detail                    | Drawing Release | Length: X.X ± 0.30   | Metric (mm)          |
| Revision                  | A               | Angle: X.XX ± 0.20   | ± 2°                 |
| Date                      | 15/12/25        | X.XXX ± 0.10   | 3rd Angle Projection |
| RoHS COMPLIANT 2011/65/EU |                 | 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 KY     | Sheet No. 1/3  |                      |

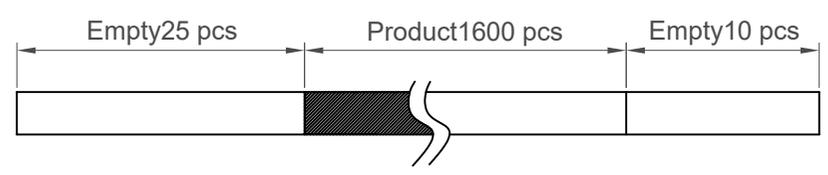
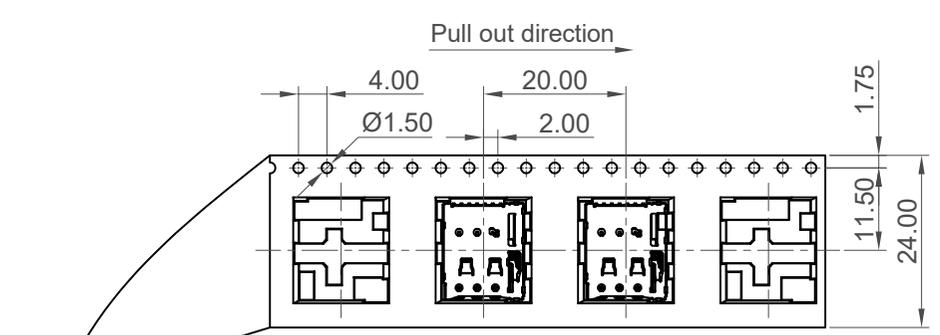




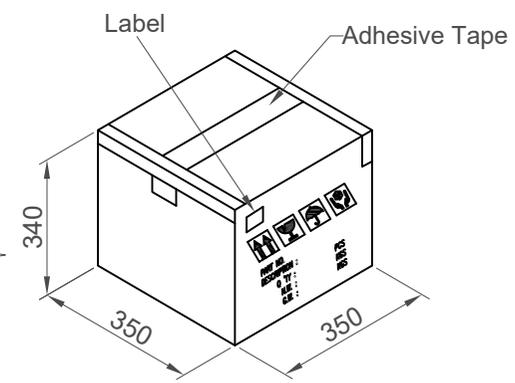
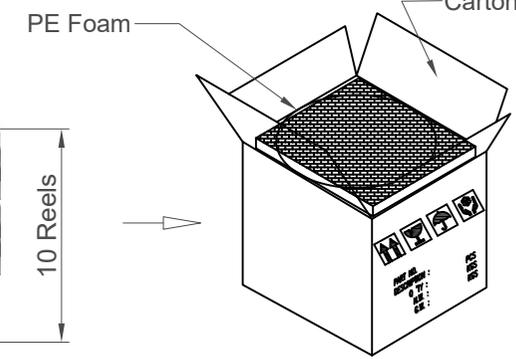
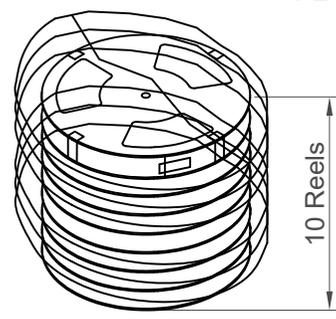
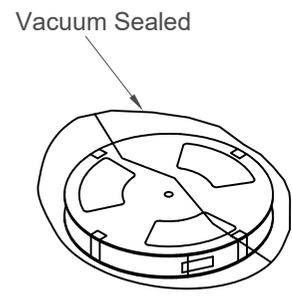
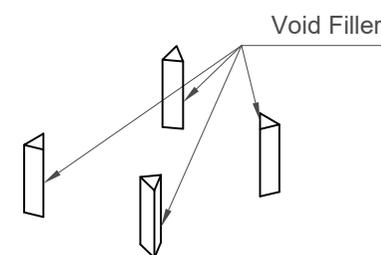
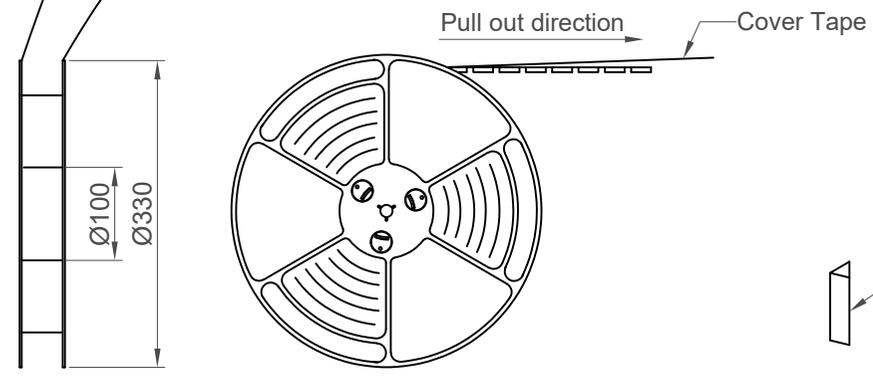
|             |
|-------------|
| C1----->VCC |
| C2----->RST |
| C3----->CLK |
| C5----->GND |
| C6----->Vpp |
| C7----->I/O |

# Reference

|                    |                 |   |              |  |
|--------------------|-----------------|---|--------------|--|
| Part Number        |                 | Product Description                     |              | <br>www.gct.co  |
| SIM8075            |                 | Nano SIM Card Connector Push-Push Type, |              |  |
| Drawing Date       |                 | SMT, 6Pin, 1.20mm Profile               |              |  |
| 15th December 2025 |                 |   |              |  |
| By                 | KY              | Tolerances (Except as Noted)            |              | <br><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             | Drawing Release | Length                                  | Angle        |  |
| Revision           | A               | X.X ± 0.30                              | ± 2°         |  |
| Date               | 15/12/25        | X.XX ± 0.20                             | X.XXX ± 0.10 |  |
|                    |                 | Units: Metric (mm)                      |              | <br>3rd Angle Projection  |
| Not to Scale       | Drawn By KY     |   |              | Sheet No. 2/3  |



| Pcs/Reel | Reels/Carton | Pcs/Carton |
|----------|--------------|------------|
| 1600     | 10           | 16000      |



|              |                 |  |   |   |
|--------------|-----------------|--|---|---|
| Part Number  |                 | Product Description  |   | <br><a href="http://www.gct.co">www.gct.co</a>   |
| SIM8075      |                 | Nano SIM Card Connector Push-Push Type,<br>SMT, 6Pin, 1.20mm Profile |   |   |
| Drawing Date |                 | 15th December 2025   |   |   |
| By           | KY              | Tolerances (Except as Noted)   | Units:  | This drawing is confidential and<br>copyright of Global Connector<br>Technology, Ltd (GCT).<br>This drawing must not be copied<br>or disclosed without written<br>consent. E & OE |
| Detail       | Drawing Release | Length   | Metric (mm)   |   |
| Revision     | A               | Angle  |   |   |
| Date         | 15/12/25        |  |    |   |
| Not to Scale |                 | Drawn By   | KY  | Sheet No.   |
|              |                 |  |   | 1/3   |