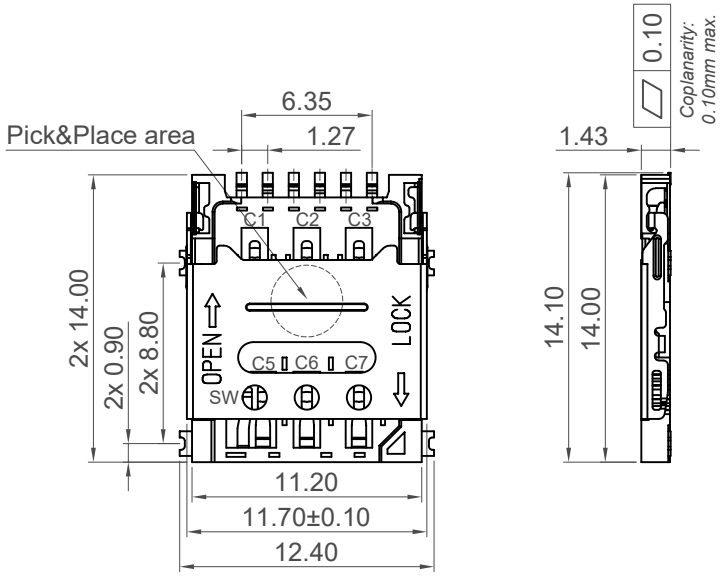
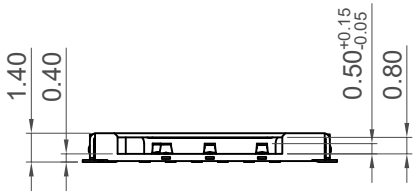
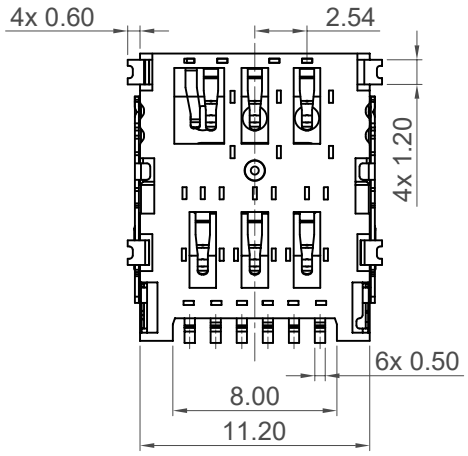
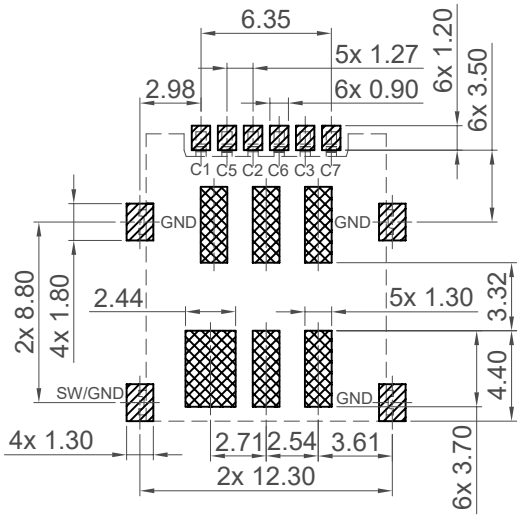




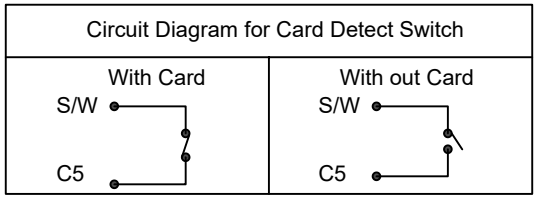




Recommended PCB Layout

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

Solder Area Keep Out Area Component Outline



Ordering Grid

SIM8061 — 6 — 1 — 14 — 00 — A

Request Samples and Quotation

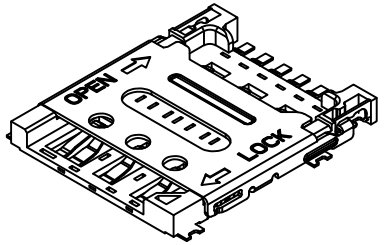
No. of Contacts
6

Switch
1 = With

Profile Height
14 = 1.43mm

Packing Options
A = Tape & Reel

Locating Peg
00 = Without



Specifications

Material
- Housing: LCP, UL94V-0, Black
- Terminal: Copper Alloy
- Shell: Stainless Steel

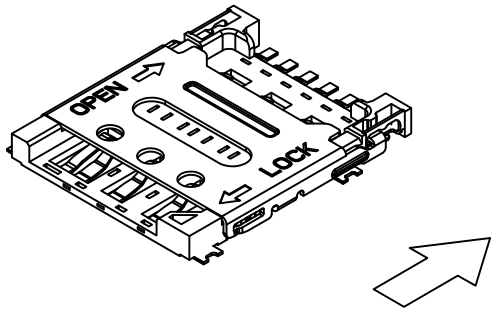
Plating
- Terminal: 1μ" Gold over 50μ" Nickel
- Shell: Clear

Electrical
- Voltage rating: 5V 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

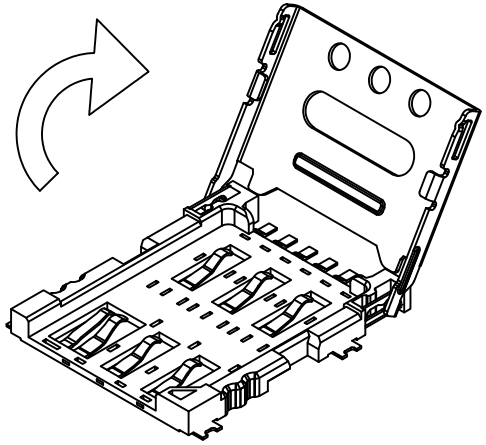
Mechanical & Environmental
- Operating Temperature: -40°C to +85°C
- Durability : 5,000 cycles

Part Number: SIM8061		Product Description: Nano SIM Card Connector, Hinged Type,SMT,6Pin, 1.43mm Profile					
Drawing Date: 5th September 2024							
By	KY	Tolerances (Except as Noted) Length	Angle	Units: Metric (mm)	RoHS COMPLIANT 2011/65/EU Deca-BDE		GCT www.gct.co
Detail	Drawing Release	X.X ± 0.2	± 1°	3rd Angle Projection			
Revision	A2	X.XX ± 0.15					
Date	21/01/25	X.XXX ± 0.05					
						Not to Scale	Drawn By KY	Sheet No. 1/4

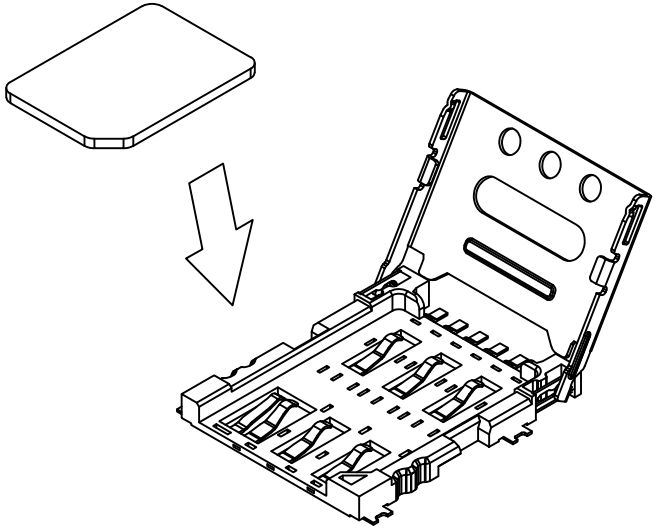
1 Slide metal lid from 'LOCK' position to 'OPEN' position



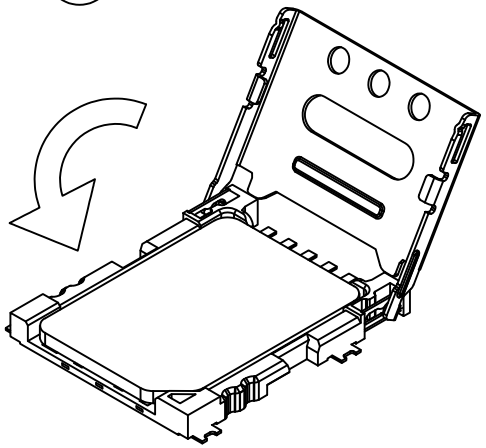
2 Open metal lid to allow Nano SIM card to be inserted

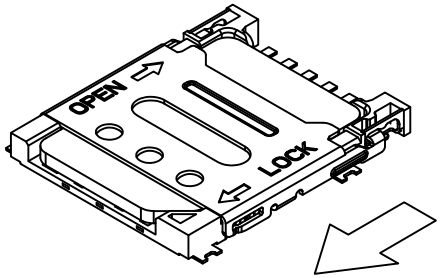


3 Place Nano SIM card against contacts, chip face down

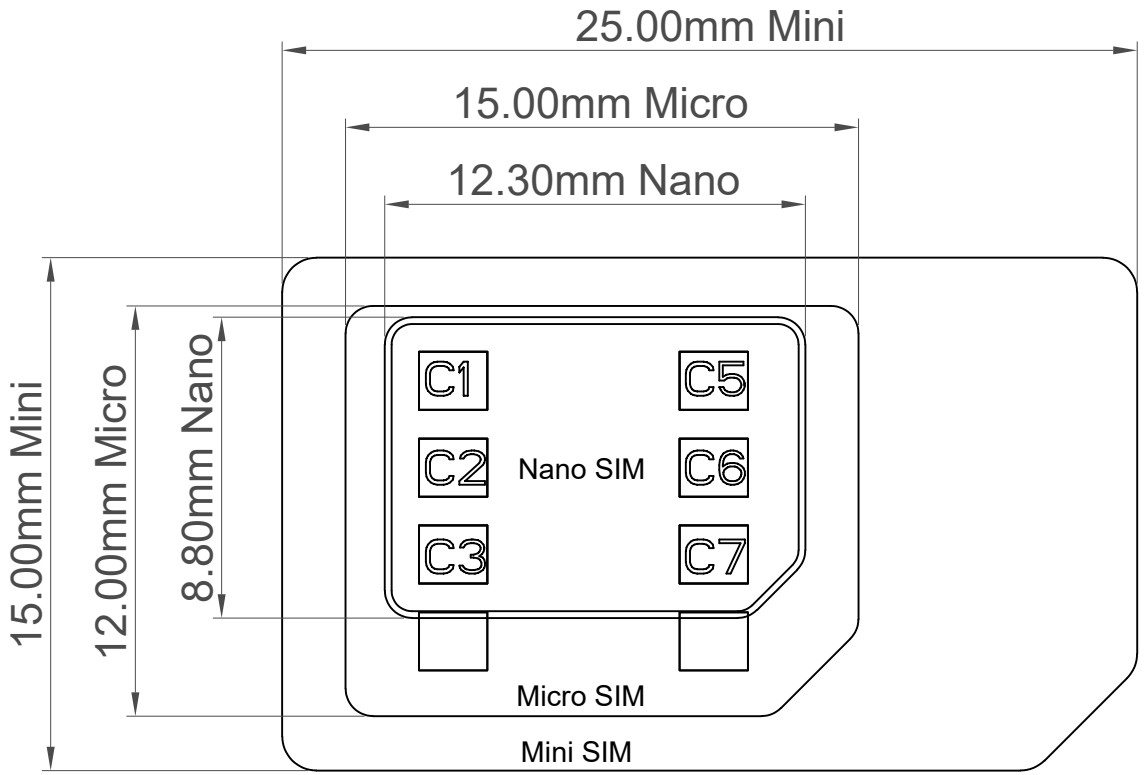


4 Close metal lid and slide back to 'LOCK' position





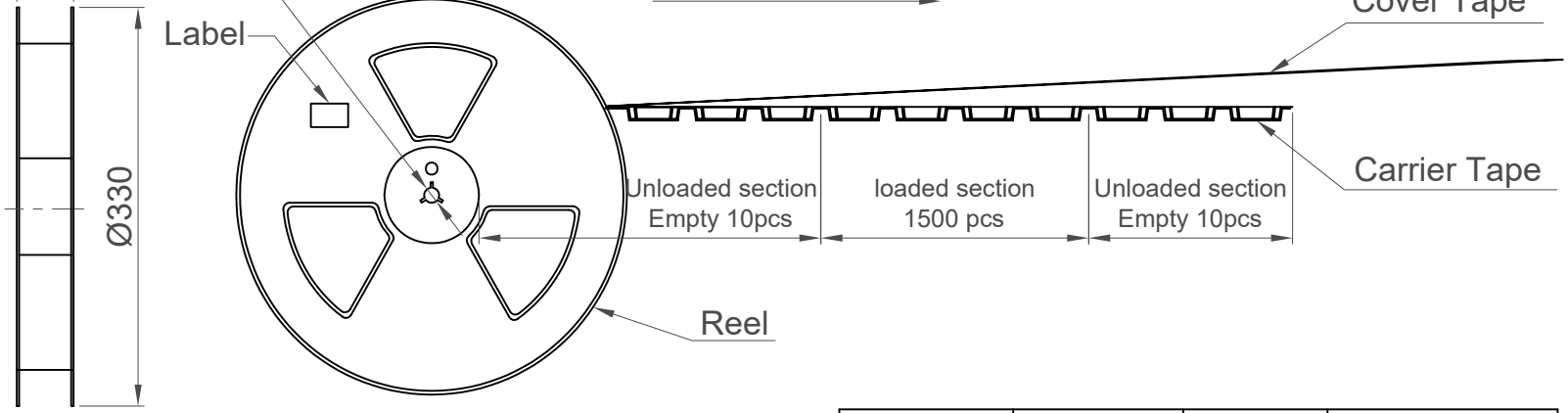
Part Number		Product Description						
SIM8061		Nano SIM Card Connector Hinged Type,SMT,6Pin, 1.43mm Profile						
Drawing Date								
5th September 2024								
By	KY	Tolerances (Except as Noted)		Units: Metric (mm)	RoHS COMPLIANT 2011/65/EU Deca-BDE	© This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE	GCT www.gct.co	
Detail	Drawing Release	Length	Angle					
		X.X ± 0.2 X.XX ± 0.15 X.XXX ± 0.05	± 1°	3rd Angle Projection				
Revision	A2						Not to Scale	Drawn By KY
Date	21/01/25							Sheet No. 2/4

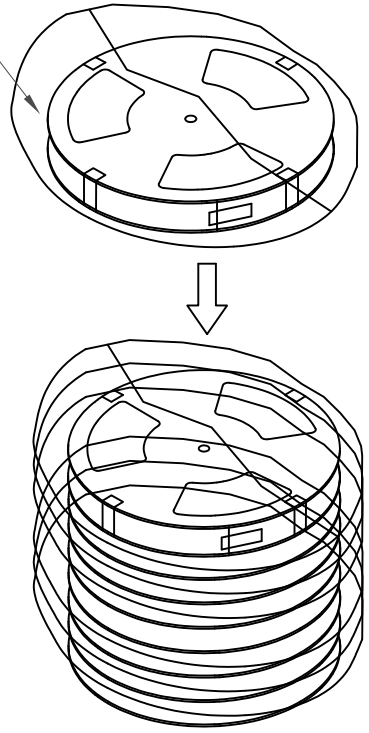


C1----->VCC
C2----->RST
C3----->CLK
C5----->GND
C6----->Vpp
C7----->I/O

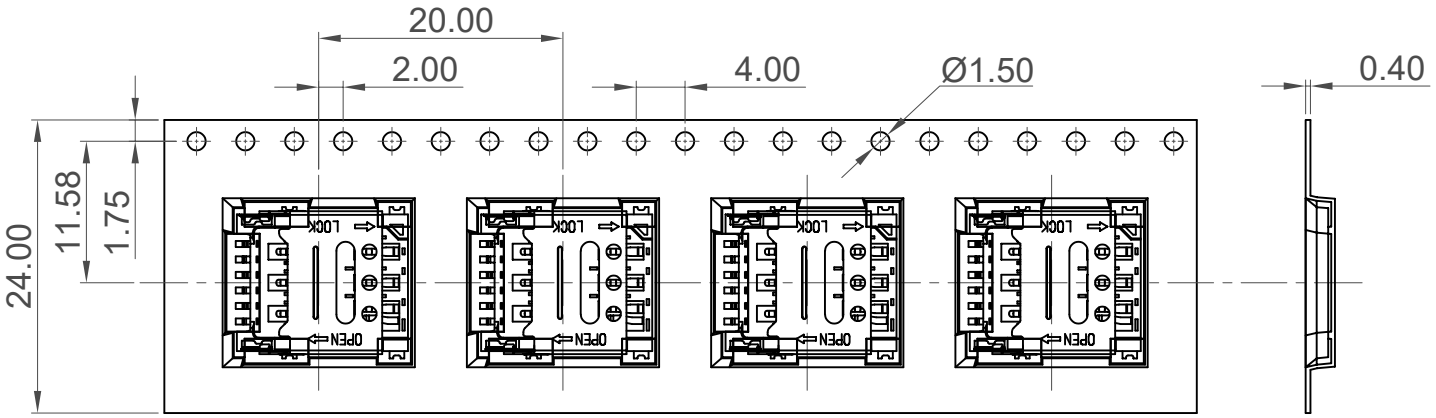
Reference

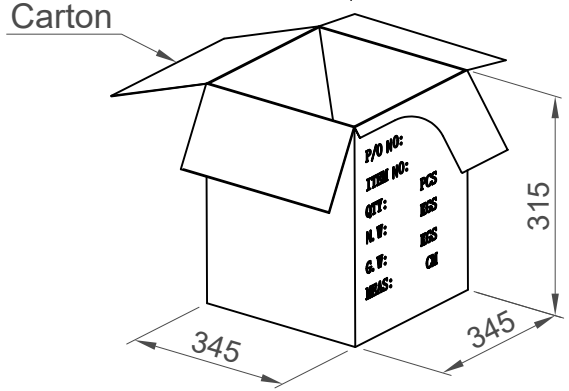
Part Number		Product Description						
SIM8061		Nano SIM Card Connector Hinged Type,SMT,6Pin, 1.43mm Profile						
Drawing Date								
5th September 2024								
By	KY	Tolerances (Except as Noted)		Units:	RoHS COMPLIANT 2011/65/EU Deca-BDE	© This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE	GCT www.gct.co	
Detail	Drawing Release	Length	Angle	Metric (mm)				
Revision	A2	X.X ± 0.2 X.XX ± 0.15 X.XXX ± 0.05	± 1°	3rd Angle Projection			Not to Scale	Drawn By KY
Date	21/01/25							Sheet No. 3/4





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





Pull out direction

Part Number	Product Description
SIM8061	Nano SIM Card Connector Hinged Type,SMT,6Pin, 1.43mm Profile
Drawing Date 5th September 2024	

By	KY	Tolerances (Except as Noted) Length	Angle	Units: Metric (mm)	RoHS COMPLIANT 2011/65/EU Deca-BDE	©	www.gct.co
Detail	Drawing Release	X.X ± 0.2 X.XX ± 0.15 X.XXX ± 0.05	± 1°	3rd Angle Projection		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	
Revision	A2						
Date	21/01/25						

Not to Scale	Drawn By KY	Sheet No. 4/4

Mouser Electronics

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GCT:

SIM8061-6-1-14-00-A