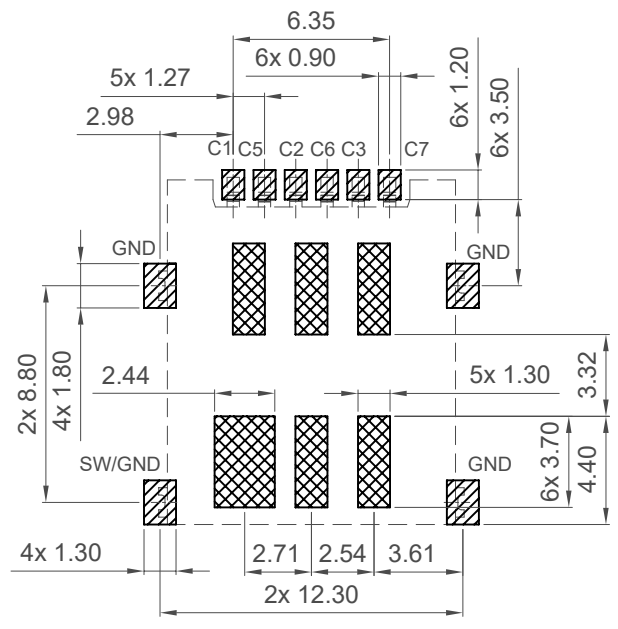
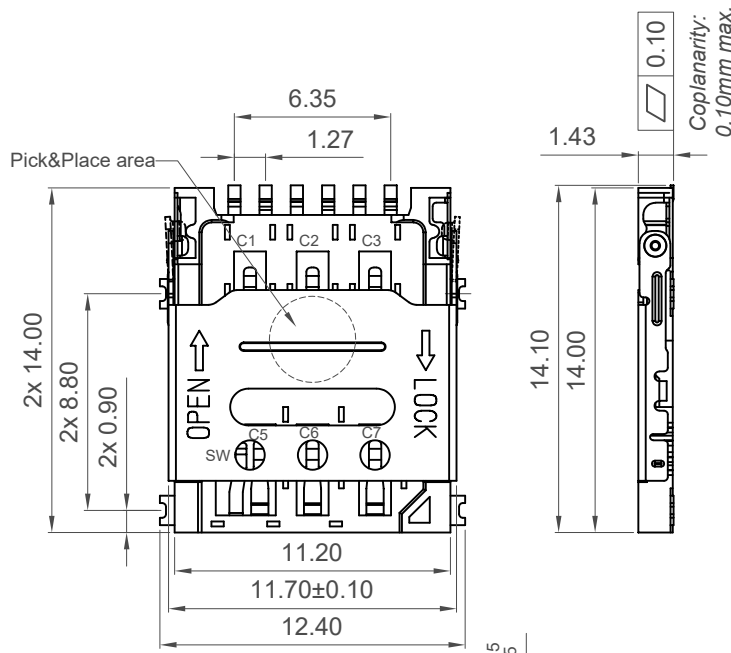


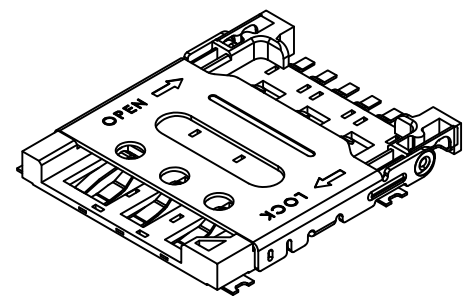
H
G
F
E
D
C
B
A



Recommended PCB Layout

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

▨ Solder Area ▩ Keep Out Area □ Component Outline



Specifications

Material

Plastic Housing: LCP, UL94V-0, Black
Contact Terminal: Copper Alloy
Metallic Shell: Stainless Steel

Plating

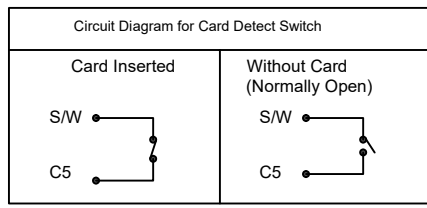
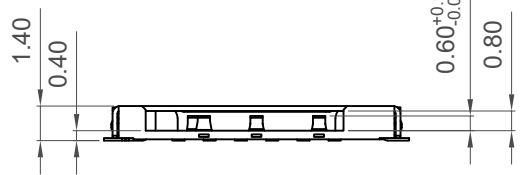
Contact :1μ" Gold over 50μ" Nickel
Shell: Clear

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



Ordering Grid

SIM8060 - **6** - **X** - **14** - **00** - **A** Request Samples and Quotation

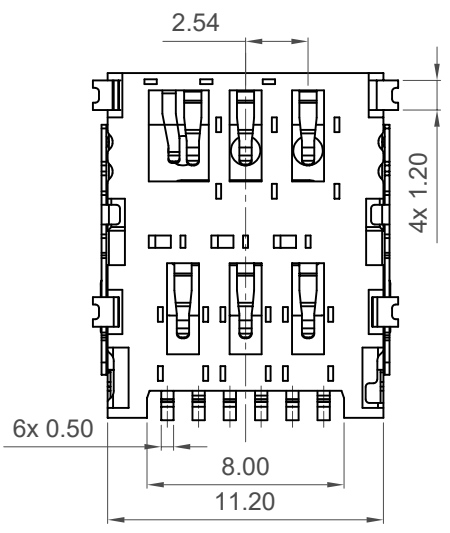
No. of Contacts
6

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



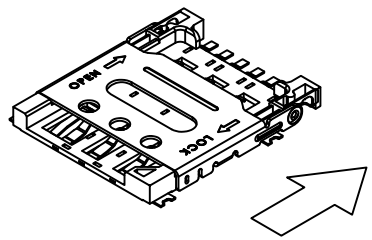
Part Number		Product Description	
SIM8060		Nano SIM Card Connector	
Drawing Date		Hinged Type,SMT,6Pin, 1.43mm Profile	
6th September 2018			
By	KY	Tolerances (Except as Noted)	Units:
Detail	Drawing Release	Length	Metric (mm)
Revision	A5	X.X ± 0.15	
Date	23/09/24	X.XX ± 0.10	
		X.XXX ± 0.05	± 1°

GCT
www.gct.co

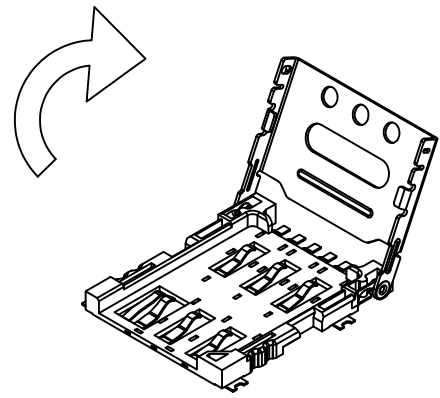
This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE

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

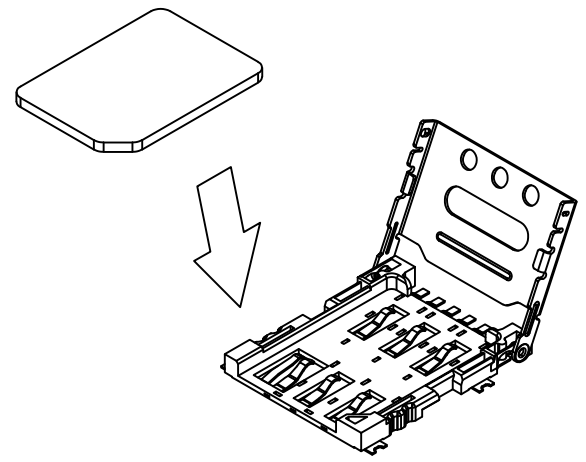
1 Slide metal lid from 'LOCK' position to 'OPEN' position



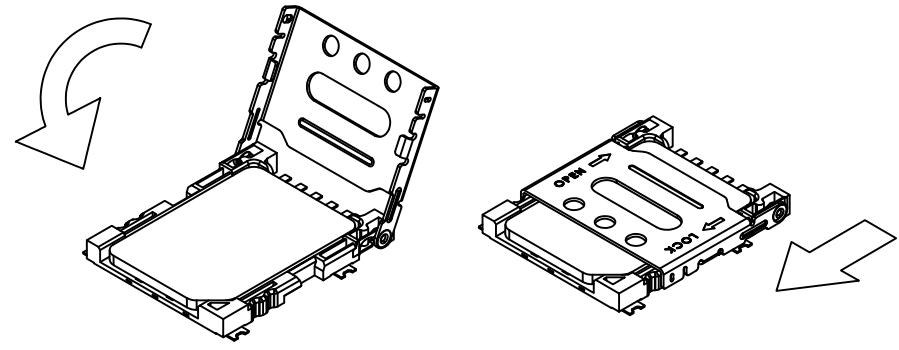
2 Open metal lid to allow Nano SIM card to be inserted






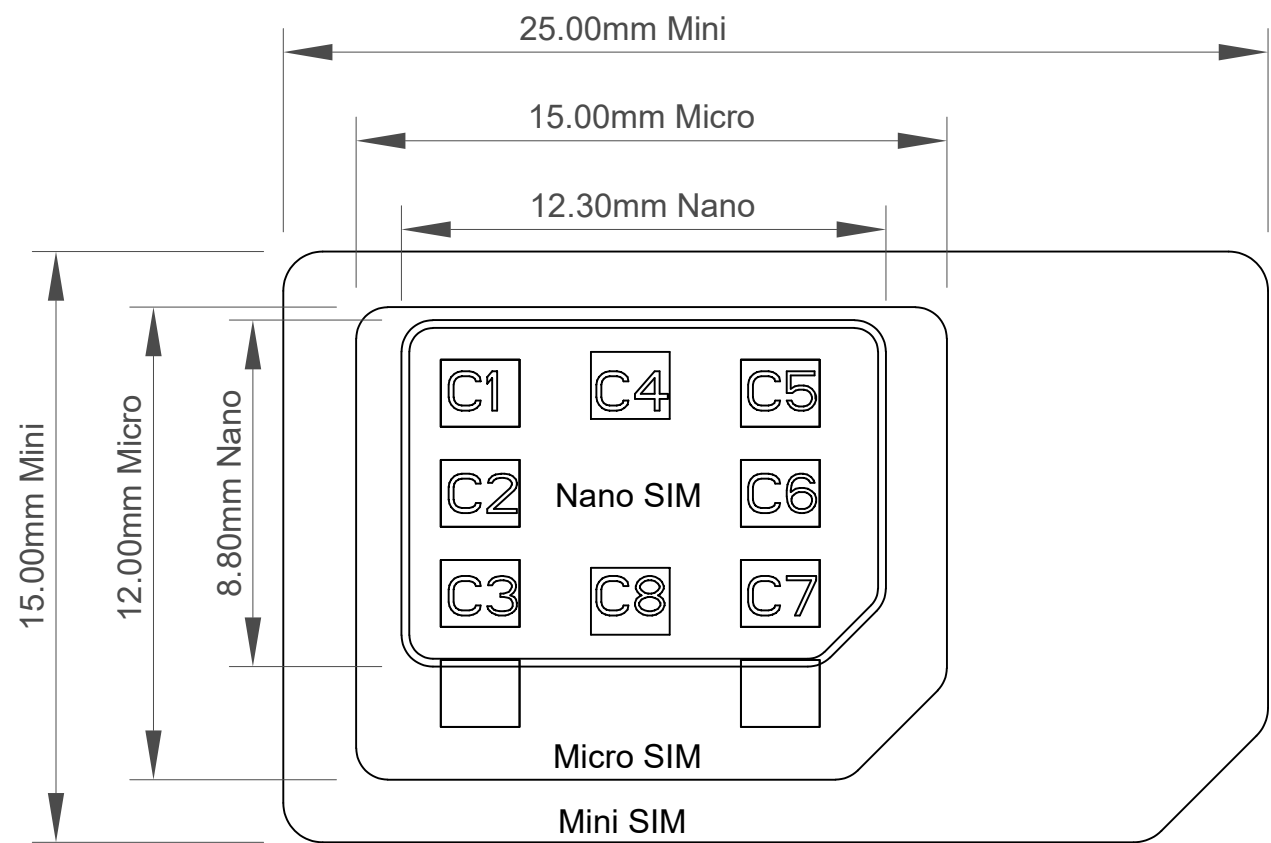
3 Place Nano SIM card against contacts, chip face down



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	KY	Tolerances (Except as Noted)		  <p>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</p>	
Detail	Drawing Release	Length	Angle		Units: Metric (mm)
Revision	A5	X.X ± 0.15			± 1°
Date	23/09/24	X.XX ± 0.10			
		X.XXX ± 0.05			
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			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			
SIM8060		Nano SIM Card Connector						
Drawing Date		Hinged Type,SMT,6Pin, 1.43mm Profile						
6th September 2018					<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						
By	KY	Tolerances (Except as Noted)						
Detail	Drawing Release	Length	Angle					
Revision	A5	X.X ± 0.15	± 1°					
Date	23/09/24	X.XX ± 0.10						
		X.XXX ± 0.05						



