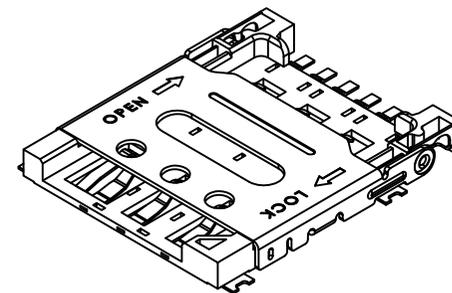


Recommended PCB Layout

(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

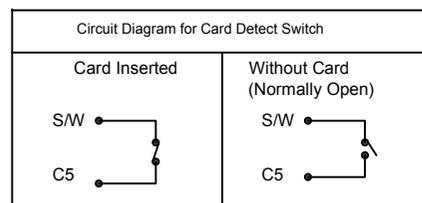
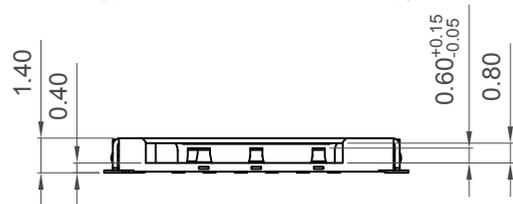
Contact :1μ" Gold over 50μ" Nickel
Shell: 30μ" Nickel over all

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



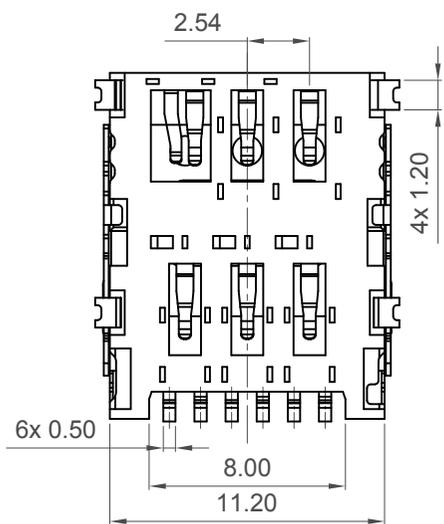
Ordering Grid

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



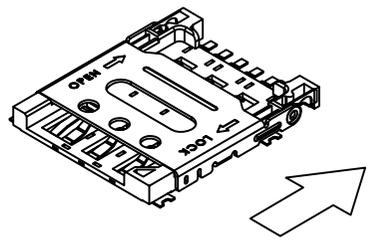
Part Number		Product Description	
SIM8060		Nano SIM Card Connector	
Drawing Date		Hinged Type,SMT,6Pin, 1.43mm Profile	
6th September 2018			
By	CC	Tolerances (Except as Noted)	Units:
Detail	Drawing Release	Length	Metric (mm)
Revision	A1	X.X ± 0.15	
Date	04/04/19	X.XX ± 0.10	
		X.XXX ± 0.05	± 1°
		This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE	



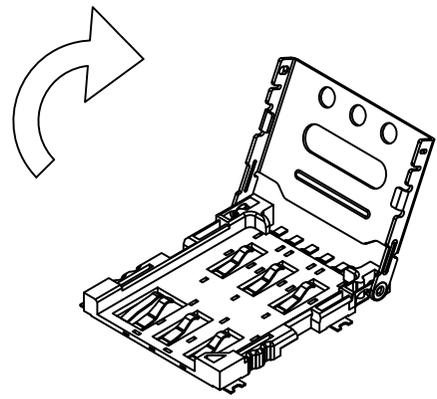
www.gct.co

Not to Scale	Drawn By CC	Sheet No. 1/4
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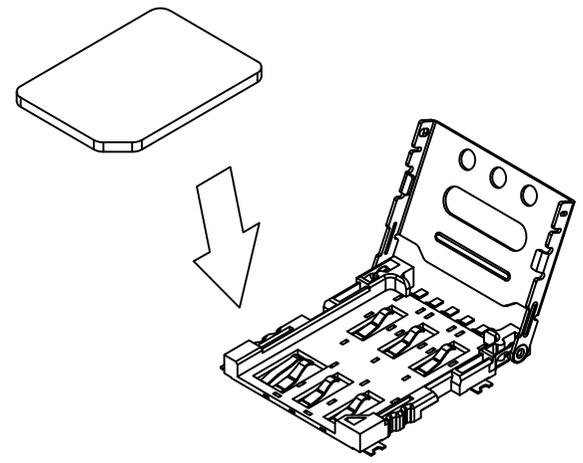
1 Slide metal lid from 'LOCK' position to 'OPEN' position



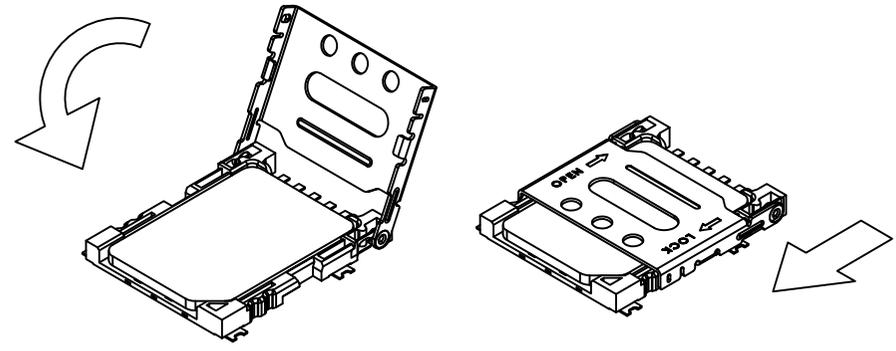
2 Open metal lid to allow Nano SIM card to be inserted



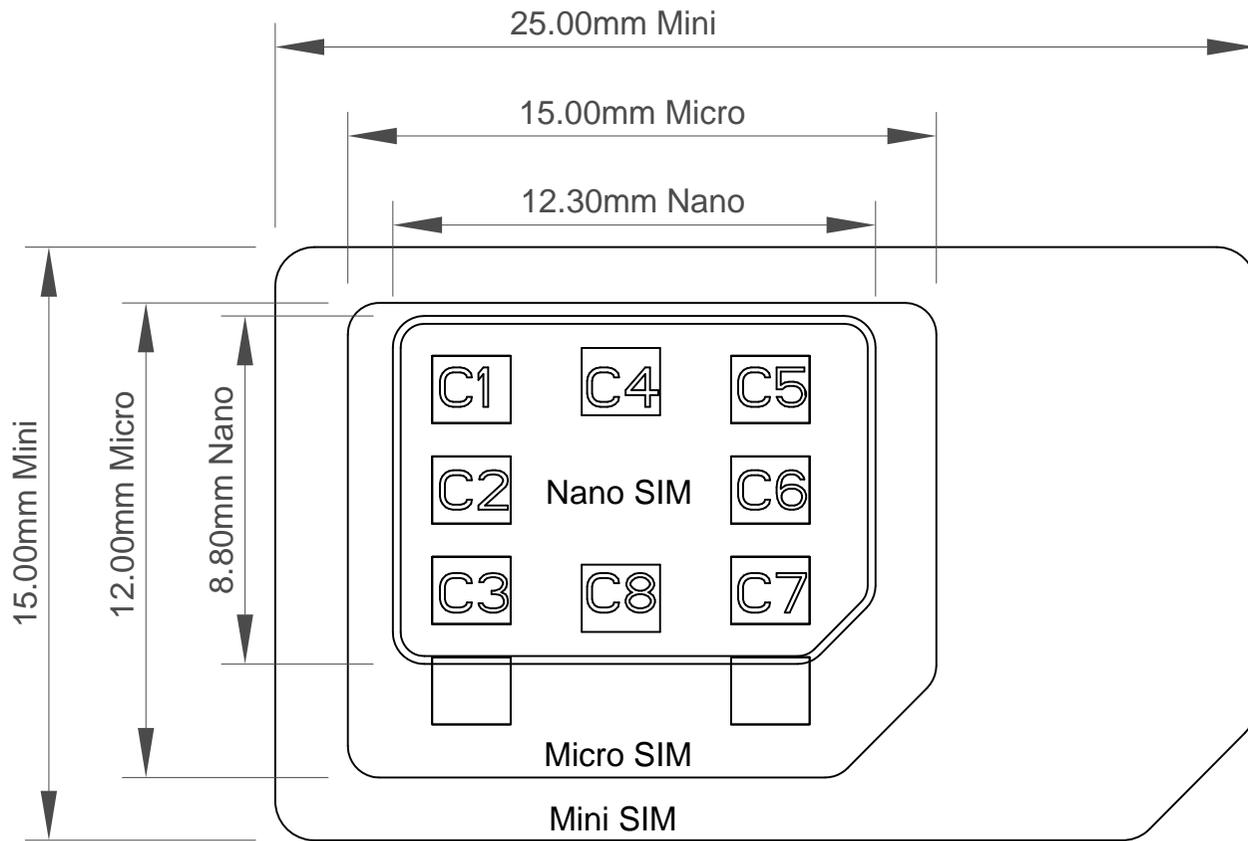
3 Place Nano SIM card against contacts, chip face down



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	A1	X.X ± 0.15		 
Date	04/04/19	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
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				Drawn By CC
				Sheet No. 2/4



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

Reference

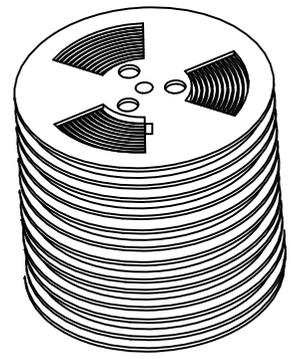
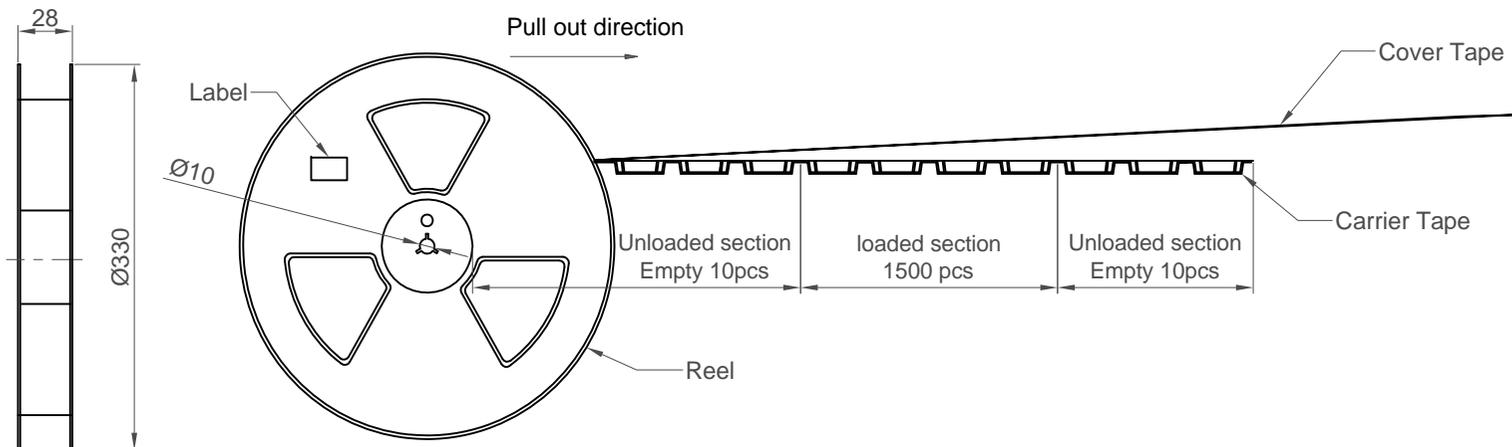
Part Number		Product Description	
SIM8060		Nano SIM Card Connector	
Drawing Date		Hinged Type,SMT,6Pin, 1.43mm Profile	
6th September 2018			
By	CC	Tolerances (Except as Noted)	Units:
Detail	Drawing Release	Length	Metric (mm)
Revision	A1	X.X ± 0.15	 3rd Angle Projection
Date	04/04/19	X.XX ± 0.10	
		X.XXX ± 0.05	± 1°



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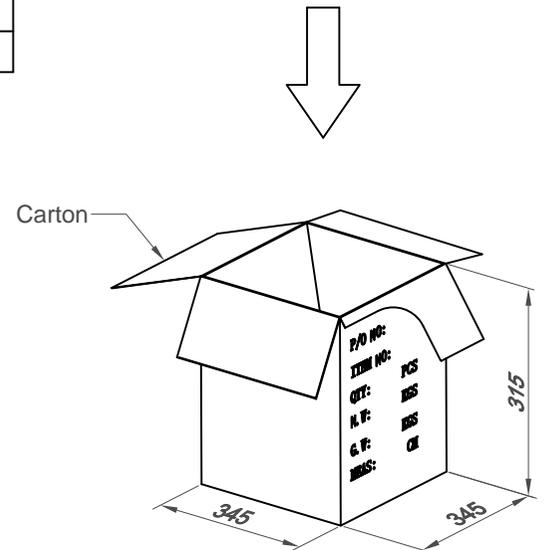
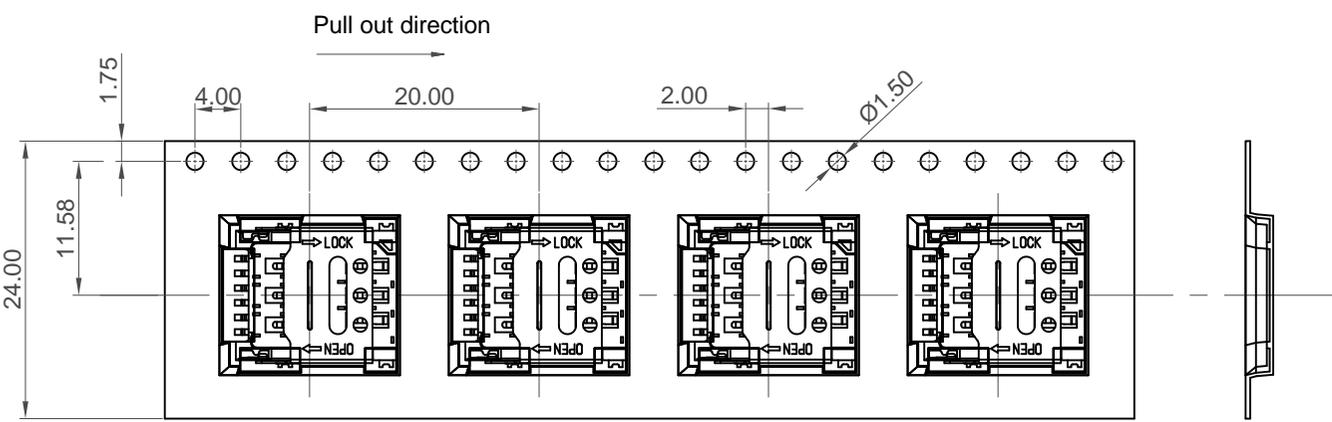


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1500pcsX10=15000pcs

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



Part Number SIM8060		Product Description Nano SIM Card Connector Hinged Type,SMT,6Pin, 1.43mm Profile	
Drawing Date 6th September 2018			
By CC	Detail Drawing Release	Tolerances (Except as Noted) Length X.X ± 0.15 X.XX ± 0.10 X.XXX ± 0.05	Units: Metric (mm)
Revision A1	Date 04/04/18	± 1°	3rd Angle Projection



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H
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E
D
C
B
A

1 2 3 4 5 6 7 8