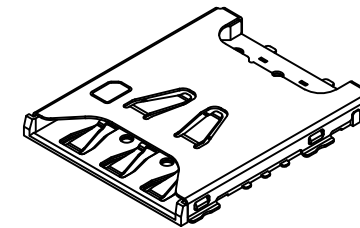


Recommended PCB Layout

General Tolerance ± 0.05

As viewed from component side

Solder Area
 Keep Out Area
 Component Outline



Specification:

Material:

Housing: LCP, UL94V-0, Black
Terminal: Phosphor Bronze
Cover: Stainless Steel

Plating:

Terminal:
Contact Area: Gold Flash
Solder area: Gold Flash
Underplating: 50 μ m Min. Nickel All Over

Cover:

Solder area: Gold Flash
Underplating: 50 μ m Min. Nickel All Over

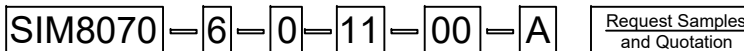
Electrical:

Voltage Rating: 125V AC/DC
Current Rating: 0.5A max. AC/DC
Dielectric Withstanding Voltage:
500V AC (60 Sec min.)
Insulation Resistance: 1000 M Ω min. 500V DC
Contact Resistance: 100 m Ω max.

Mechanical:

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

Ordering Grid



No. of Contacts

6 = 6

Switch

0 = Without

Profile Height (H)

11 = 1.10mm

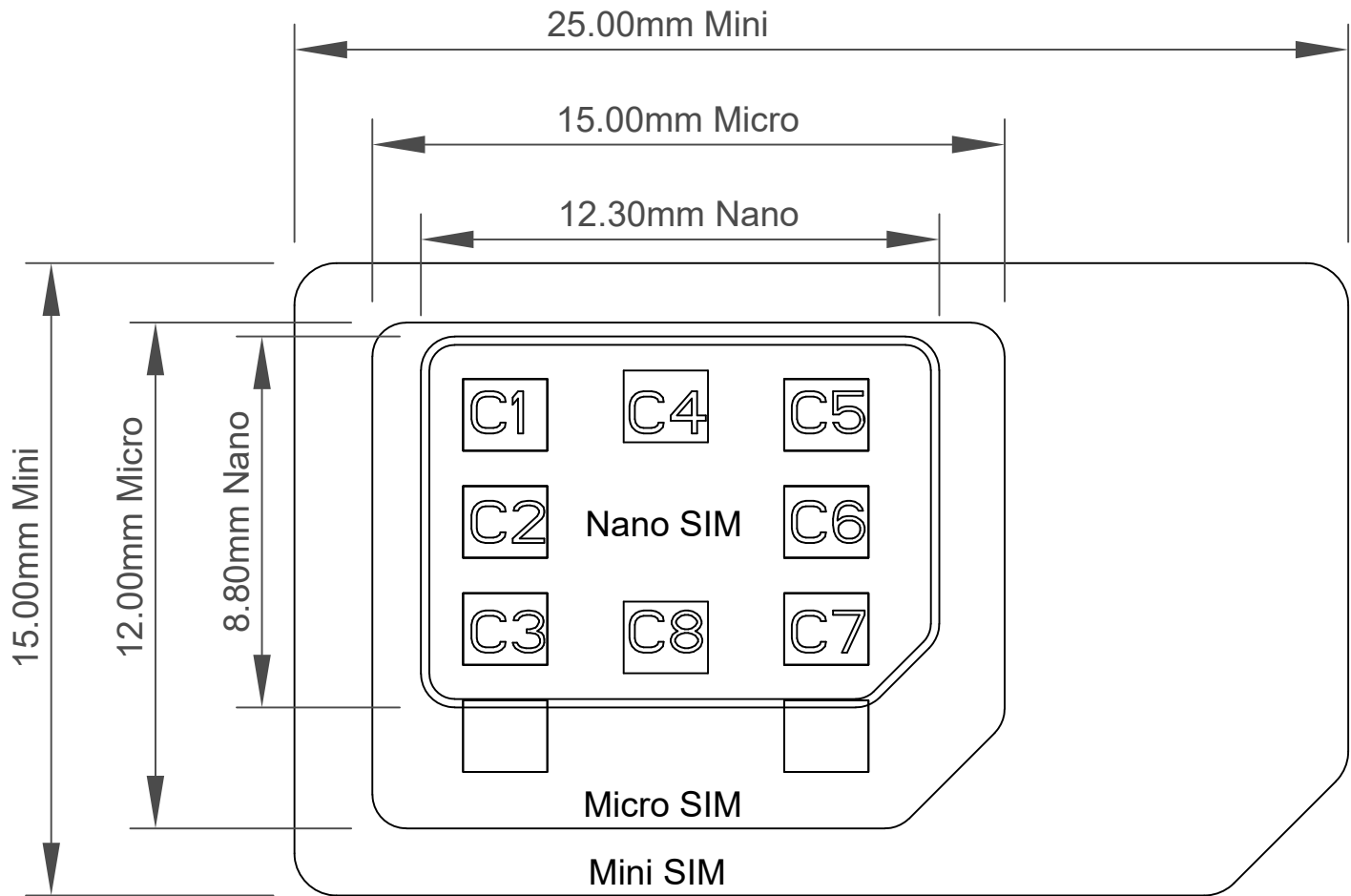
Packing Options

A = Tape & Reel
(2000 per Reel)

Locating Peg

00 = Without

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	 www.gct.co
SIM8070		Nano SIM Card Connector, Push-Pull Type, 6 Pin, SMT, Profile 1.10mm				
Drawing Date		12th January 2024				
By	CC	Tolerances (Except as Noted)	Units:			
Detail	Drawing Release	X.X ± 0.30 X.XX ± 0.20 X.XXX ± 0.10	Metric (mm)			
Revision	A1	$\pm 0^\circ$				
Date	08/02/24					
Not to Scale	Drawn By	CC	Sheet No.	1/3		

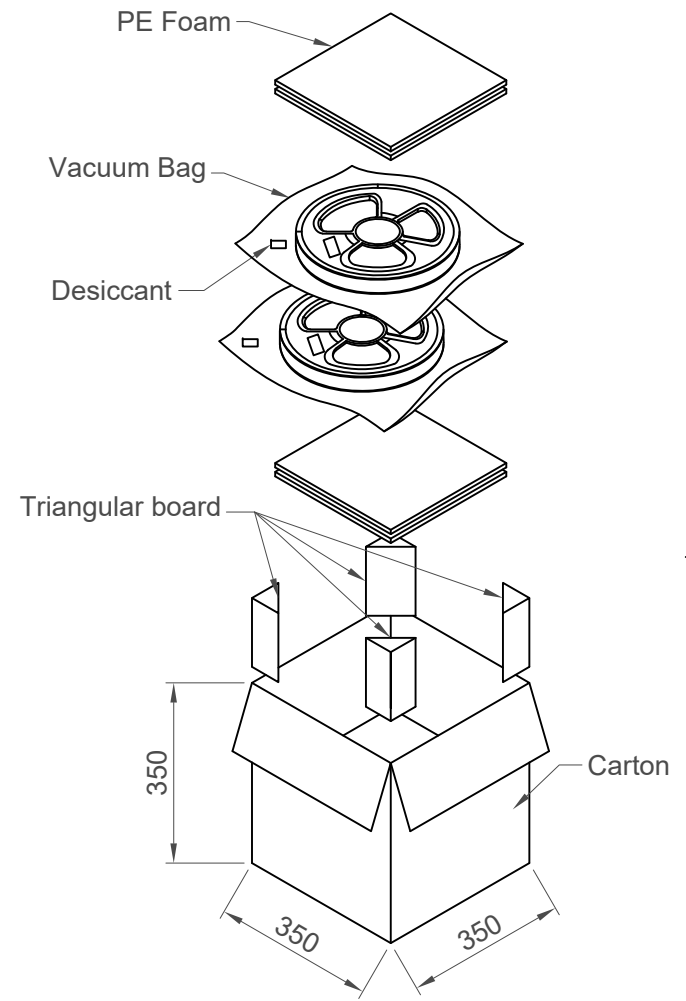
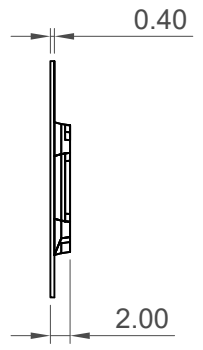
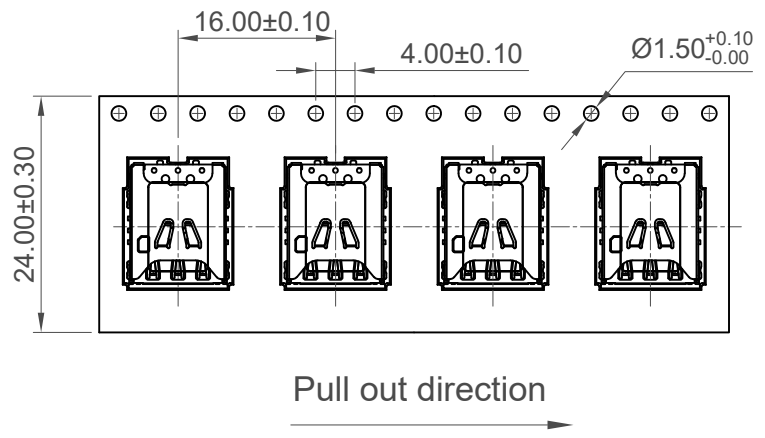
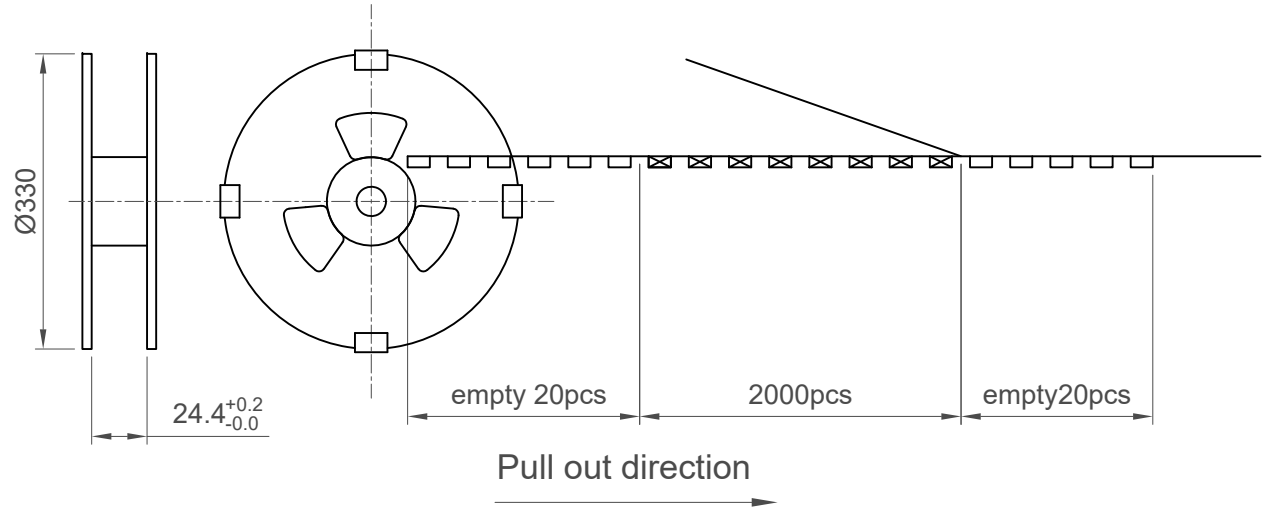


- C1----->VCC
- C2----->RST
- C3----->CLK
- C5----->GND
- C6----->Vpp
- C7----->I/O

Reference

Part Number		Product Description		GCT www.gct.co
SIM8070		Nano SIM Card Connector, Push-Pull Type, 6 Pin, SMT, Profile 1.10mm		
Drawing Date		12th January 2024		
By	CC	Tolerances (Except as Noted)	Units:	<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	Metric (mm)	
Revision	A1	X.X ±0.30	±2°	
Date	08/02/24	X.XX ±0.20		
		X.XXX ±0.10		
Not to Scale		Drawn By	CC	Sheet No. 2/3

H
G
F
E
D
C
B
A



Pcs/Reel	Reels/Carton	Pcs/Carton
2000	10	20000

Part Number SIM8070		Product Description Nano SIM Card Connector, Push-Pull Type, 6 Pin, SMT, Profile 1.10mm			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		
Drawing Date 12th January 2024		Units: Metric (mm)					
By CC	Detail Drawing Release	Tolerances (Except as Noted) Length X.X ±0.30 X.XX ±0.20 X.XXX ±0.10	Angle ±2°		www.gct.co		
Revision A1	Date 08/02/24			<table border="1"> <tr> <td>Not to Scale</td> <td>Drawn By CC</td> <td>Sheet No. 3/3</td> </tr> </table>		Not to Scale	Drawn By CC
Not to Scale	Drawn By CC	Sheet No. 3/3					

1 2 3 4 5 6 7 8

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