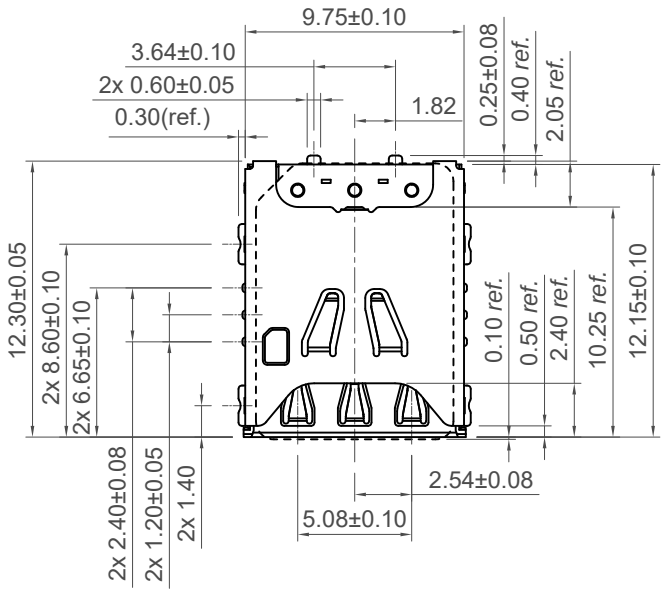
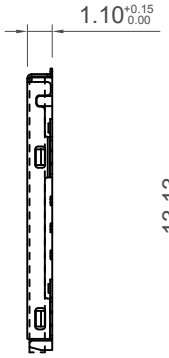
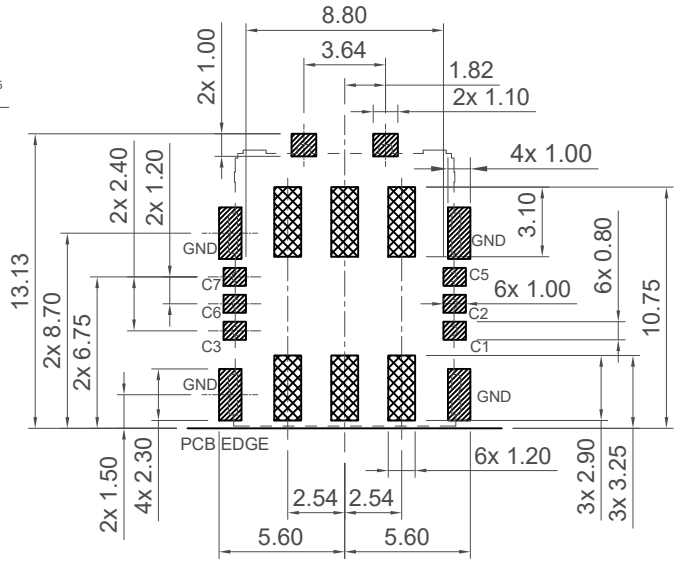
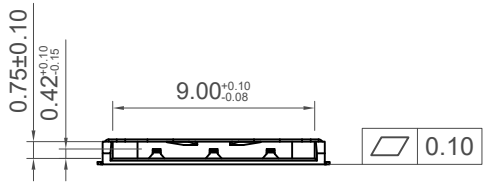


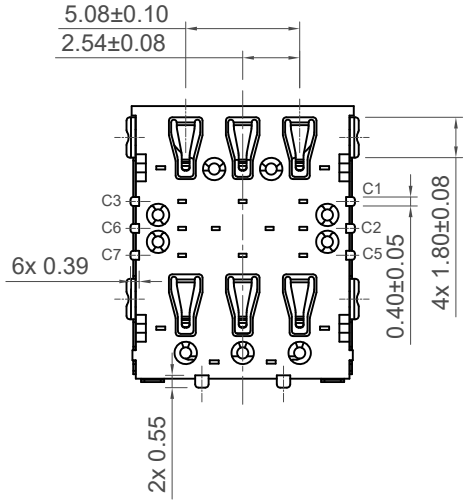


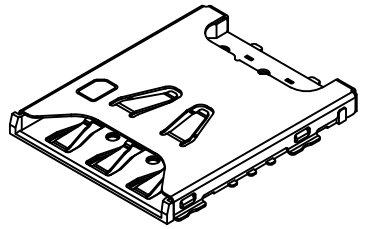


Recommended PCB Layout
General Tolerance ±0.05
As viewed from component side

Solder Area | Keep Out Area | Component Outline







Ordering Grid

SIM8070 — 6 — 0 — 11 — 00 — A

Request Samples and Quotation

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

Specification:

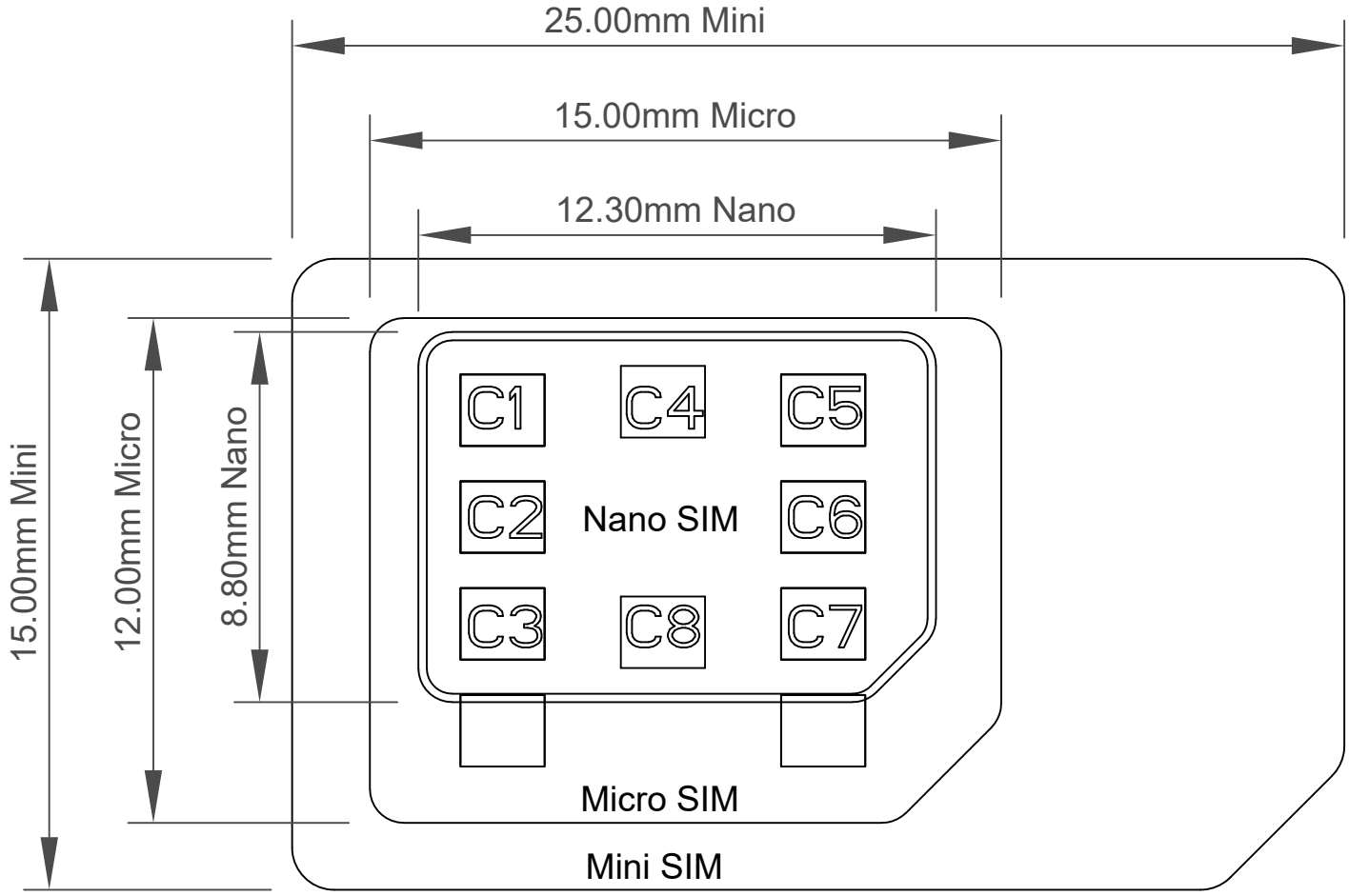
Material:
Housing: LCP, UL94V-0, Black
Terminal: Phosphor Bronze
Cover: Stainless Steel

Plating:
Terminal:
Contact Area: Gold Flash
Solder area: Gold Flash
Underplating: 50µ" Min. Nickel All Over
Cover:
Solder area: Gold Flash
Underplating: 50µ" 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 MΩ min. 500V DC
Contact Resistance: 100 mΩ max.

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

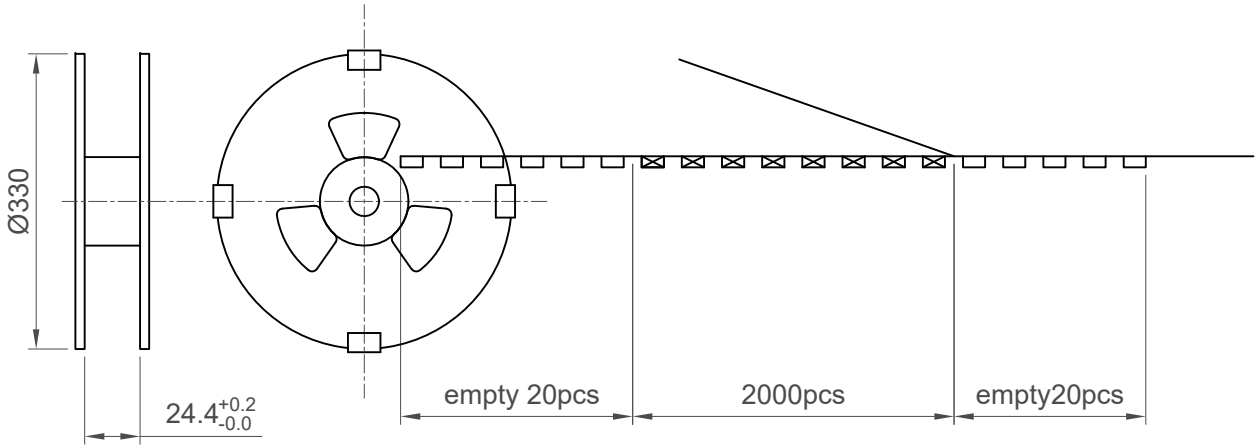
Part Number		Product Description					
SIM8070		Nano SIM Card Connector,Push-Pull Type, 6 Pin, SMT, Profile 1.10mm					
Drawing Date							
12th January 2024							
By	CC	Tolerances (Except as Noted) Length	Angle	Units: Metric (mm)	RoHS COMPLIANT 2011/65/EU Dec-BDE	© This drawing is confidential and copyright 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	X.X ±0.30 X.XX ±0.20 X.XXX ±0.10	±2°	3rd Angle Projection			Not to Scale / Drawn By CC / Sheet No. 1/3
Revision	A1						
Date	08/02/24						



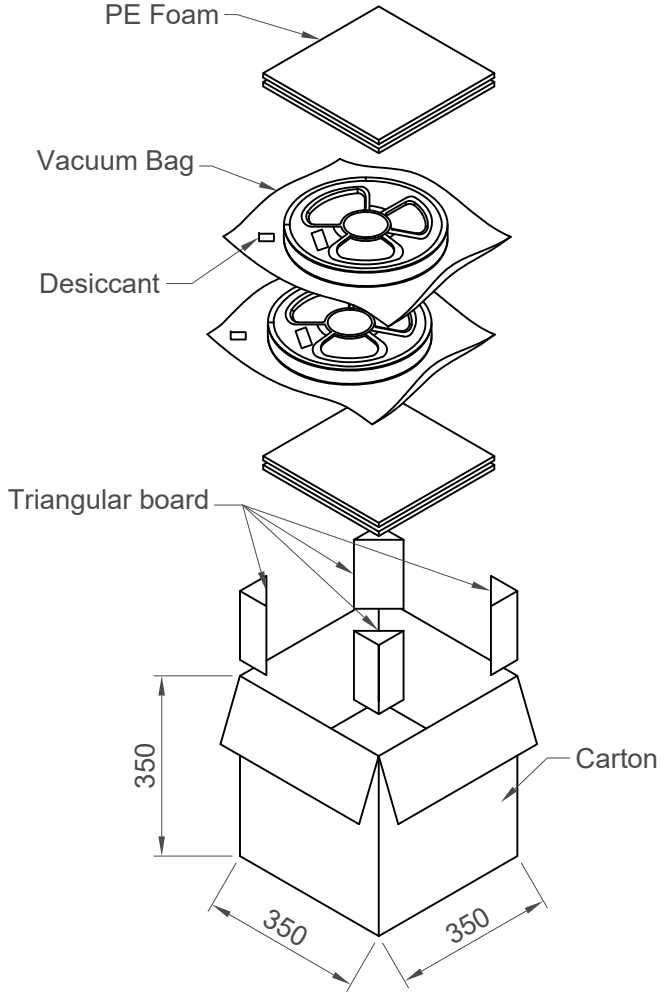
C1----->VCC
C2----->RST
C3----->CLK
C5----->GND
C6----->Vpp
C7----->I/O

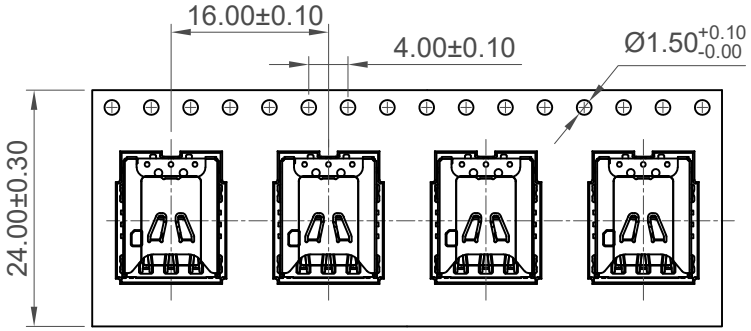
Reference

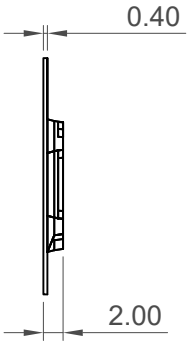
Part Number		Product Description						
SIM8070		Nano SIM Card Connector,Push-Pull Type, 6 Pin, SMT, Profile 1.10mm						
Drawing Date								
12th January 2024								
By	CC	Tolerances (Except as Noted) Length	Angle	Units: Metric (mm)	RoHS COMPLIANT 2011/65/EU Dec-IDE	This drawing is confidential and 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	X.X ±0.30 X.XX ±0.20 X.XXX ±0.10	±2°	3rd Angle Projection				
Revision	A1						Not to Scale	Drawn By CC
Date	08/02/24							Sheet No. 2/3



Pull out direction







Pull out direction

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

Part Number		Product Description					
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) Length	Angle	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	X.X ±0.30 X.XX ±0.20 X.XXX ±0.10	±2°	3rd Angle Projection			
Revision	A1						Not to Scale / Drawn By CC / Sheet No. 3/3
Date	08/02/24						

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Global Connector Technology:

BC075-04-A-L-A BG300-04-A-L-A FFC3A20-13-G 05-08-A-0050-A-4-06-4-T 05-15-A-0254-A-4-06-4-T 10-16-D-0101-C-4-08-4-T BF100-20-A-D-0-0640-L-C BF121-18-A-0-L-C FFC2B35-24-T USB3510-30-C 05-10-A-0279-A-4-06-4-T 05-40-D-0076-A-4-06-4-T BF135-18-A-0200-0700-0400-L-C USB4500-03-0-A 10-15-A-0101-C-4-08-4-T BD125-30-A-0305-0580-L-B BF030-06A-B0-0200-0277-0600-L-B BF121-04-A-0-L-C 05-12-D-0304-A-4-06-4-T 05-30-D-0050-A-4-06-4-T BD080-10-A-0230-L-D BF030-06A-B0-0360-0277-0600-L-B 05-22-A-0050-A-4-06-4-T 05-28-A-0203-A-4-06-4-T USB4140-GF-0230-C BF100-12-A-D-0-0640-L-C USB4510-03-1-A 05-14-A-0203-A-4-06-4-T 05-32-A-0050-A-4-06-4-T BG125-05-A-1-1-0440-N-D