

Specification:

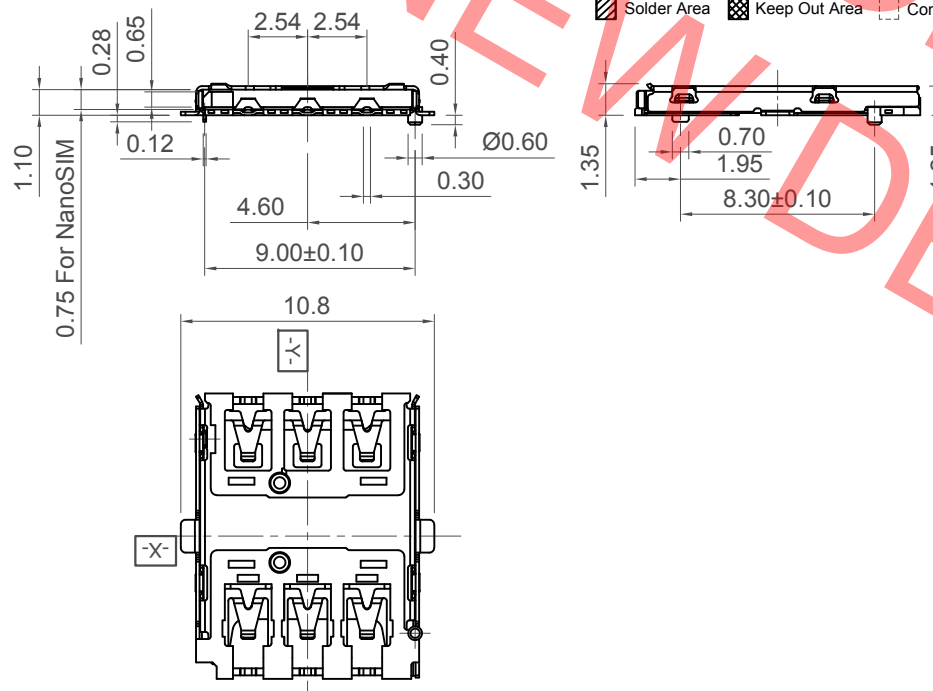
Material:
 Plastic Housing: LCP 30%GF, UL94V-0, Black
 Contact Terminal: Phosphor Bronze, T=0.12mm
 Cover: SUS301-H, T=0.15mm

Plating:
 Contact Terminal:
 Contact Area: 15µm Gold
 Solder area: Gold Flash
 Underplating: Ni overall 50µm min.
 Cover : Ni overall 50µm min.

Electrical:
 Voltage Rating: 30V max.
 Current Rating: 0.5A max.
 Dielectric Withstanding Voltage: 100V AC (60 Sec min. 60)
 Insulation Resistance: 1000 MΩ min.
 Contact Resistance: 100 mΩ max.

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

Ordering Grid
SIM8050-6-0-14-XX-A
 No. of Contacts: 6 = 6
 Switch: 0 = Without
 Profile Height (H): 14 = 1.35mm
 Request Samples and Quotation
 Packing Options: A = Tape & Reel (1500 per Reel)
 Locating Peg: 01 = With (Standard), 00 = Without



Recommended PCB Layout
 As viewed from component side General Tolerance ±0.05
 Locating peg holes only applicable to locating peg version
 Solder Area Keep Out Area Component Outline

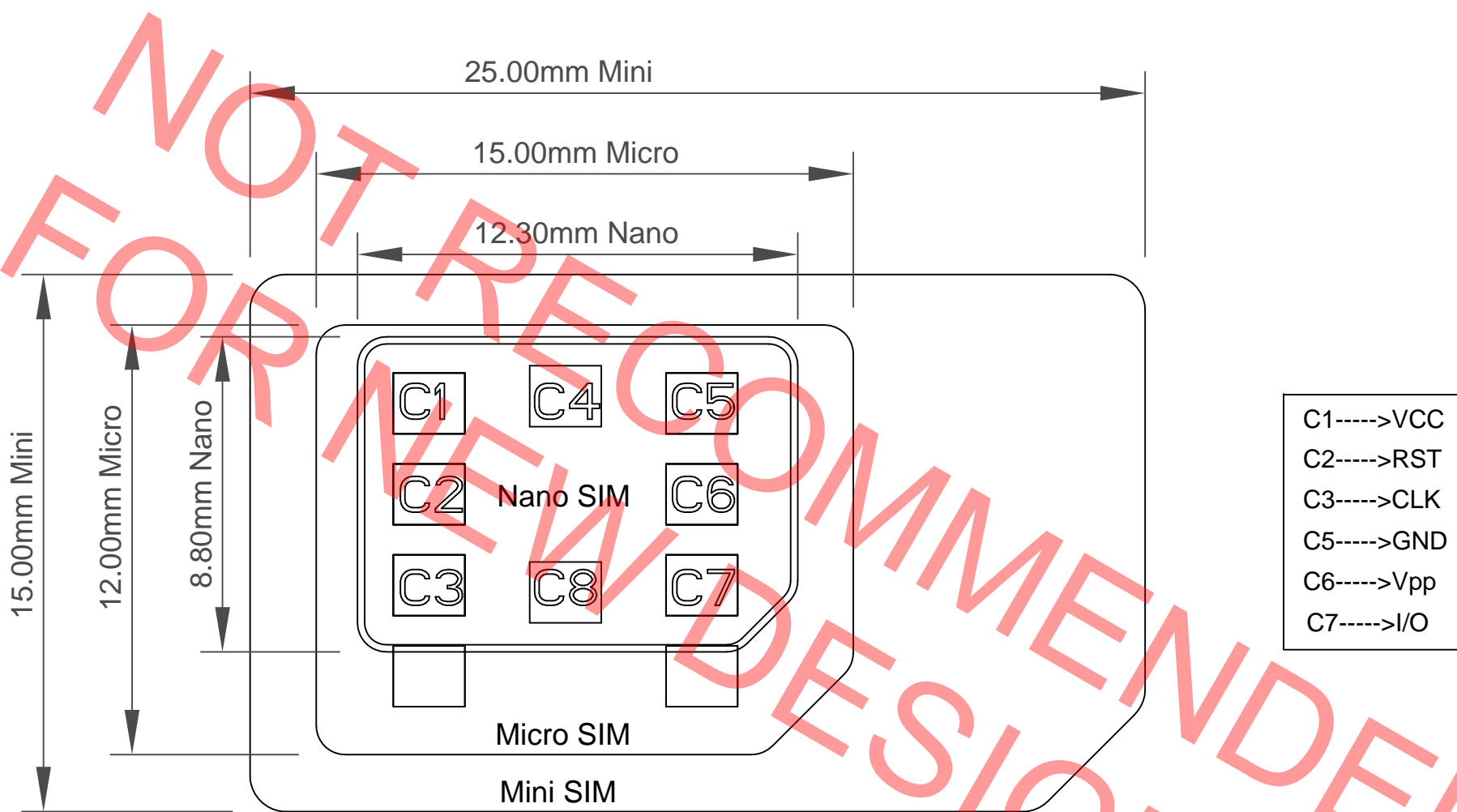
Part Number		Product Description	
SIM8050		Nano SIM Card Connector	
Drawing Date		Push-Pull Type, 6 Pin, SMT, Profile 1.35mm	
3rd June 2013			
By	CC	Tolerances (Except as Noted)	Units:
Detail	SIM8050 F PCN	Length X. ± 0.35 XX ± 0.25 X.XX ± 0.15 X.XXX ± 0.10	Metric (mm)
Revision	F5	All ± 2°	3rd Angle Projection
Date	22/01/21		



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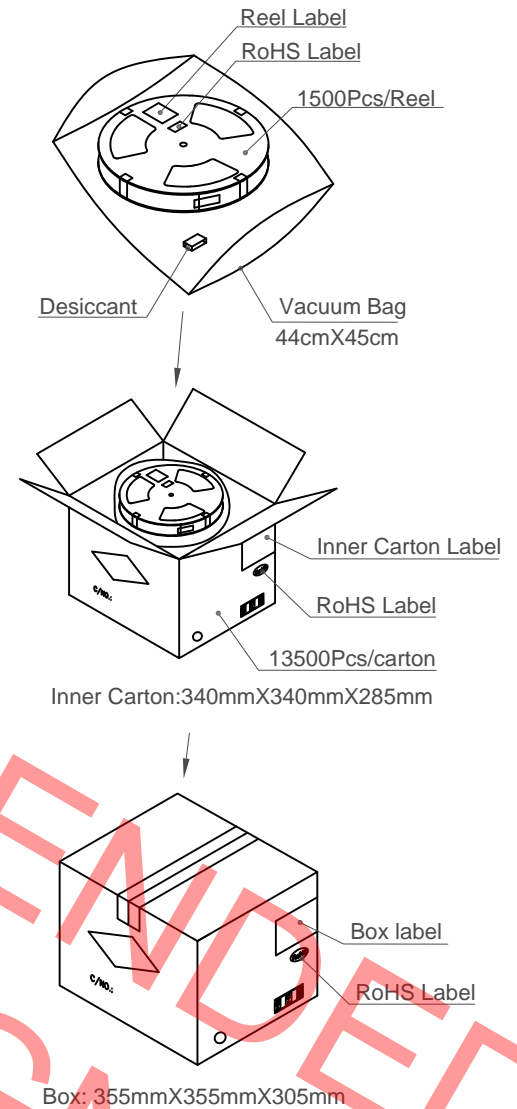
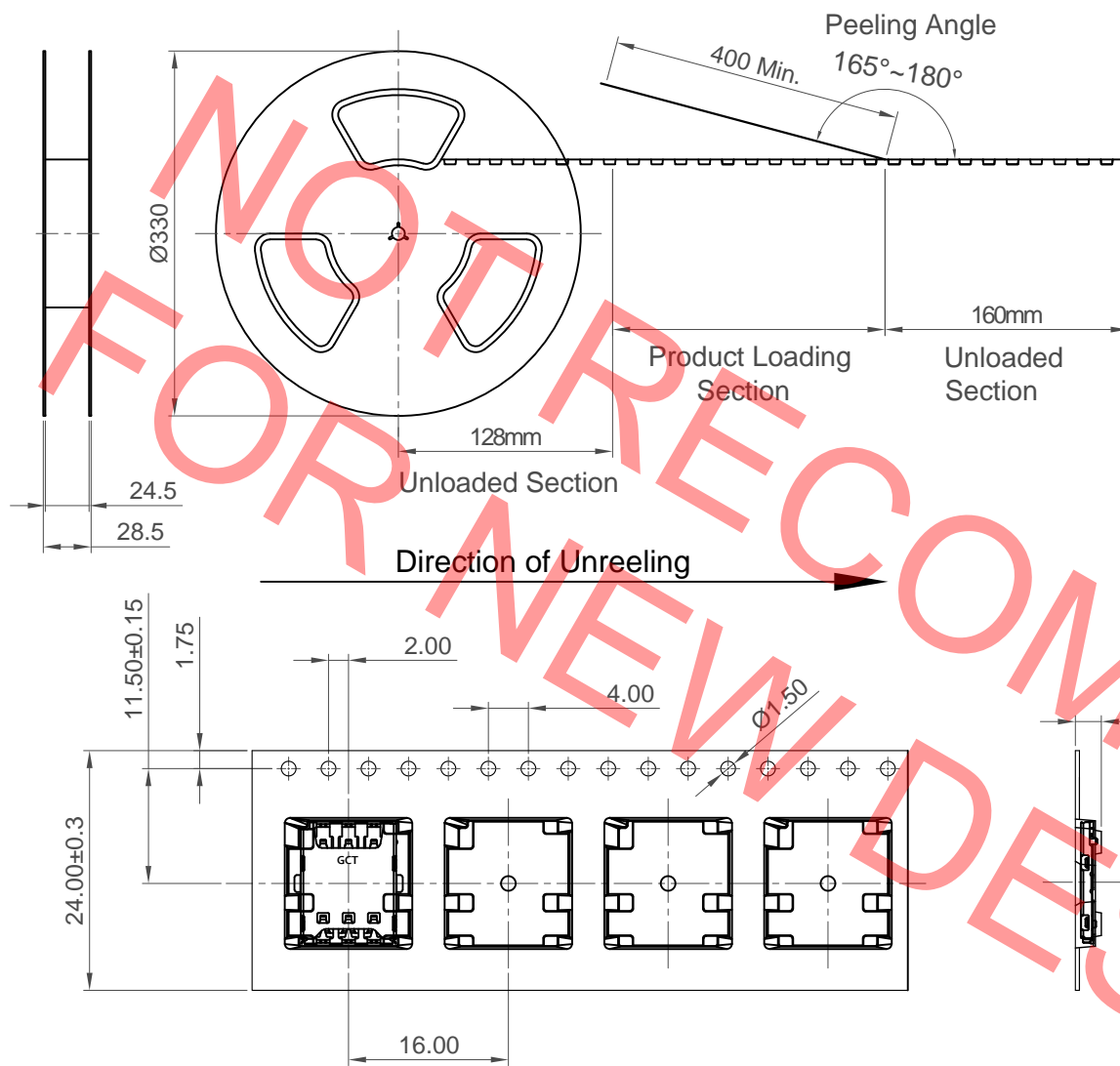


Reference

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

Part Number		Product Description		GCT www.gct.co
SIM8050		Nano SIM Card Connector		
Drawing Date		Push-Pull Type, 6 Pin, SMT, Profile 1.35mm		
3rd June 2013				
By	CC	Tolerances (Except as Noted)	Units:	 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
Detail	SIM8050 F PCN	Length	Metric (mm)	
Revision	F5	X. ± 0.35	All ± 2°	
Date	22/01/21	X.X ± 0.25		
		X.XX ± 0.15		
		X.XXX ± 0.10	 3rd Angle Projection	









Notes:
 Peeling off force of top tape: 0.1-1.3N (Peeling direction as shown)

Materials:
 Carrier Tape: Polystyrene (PS)
 Top Tape: PE
 Reel Tape: Polystyrene (PS)
 Vacuum Bag: PE

Products P/N	Pcs / Reel	Reels/Carton	Reels/Carton
SIM8050	1500	9	13500

Part Number SIM8050		Product Description Nano SIM Card Connector Push-Pull Type, 6 Pin, SMT, Profile 1.35mm		 www.gct.co
Drawing Date 3rd June 2013				
By CC	Tolerances (Except as Noted) Length Angle	Units: Metric (mm)		
Detail SIM8050 F PCN				
Revision FS			 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
Date 22/01/21				Drawn By AJO
				Sheet No. 3/3

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