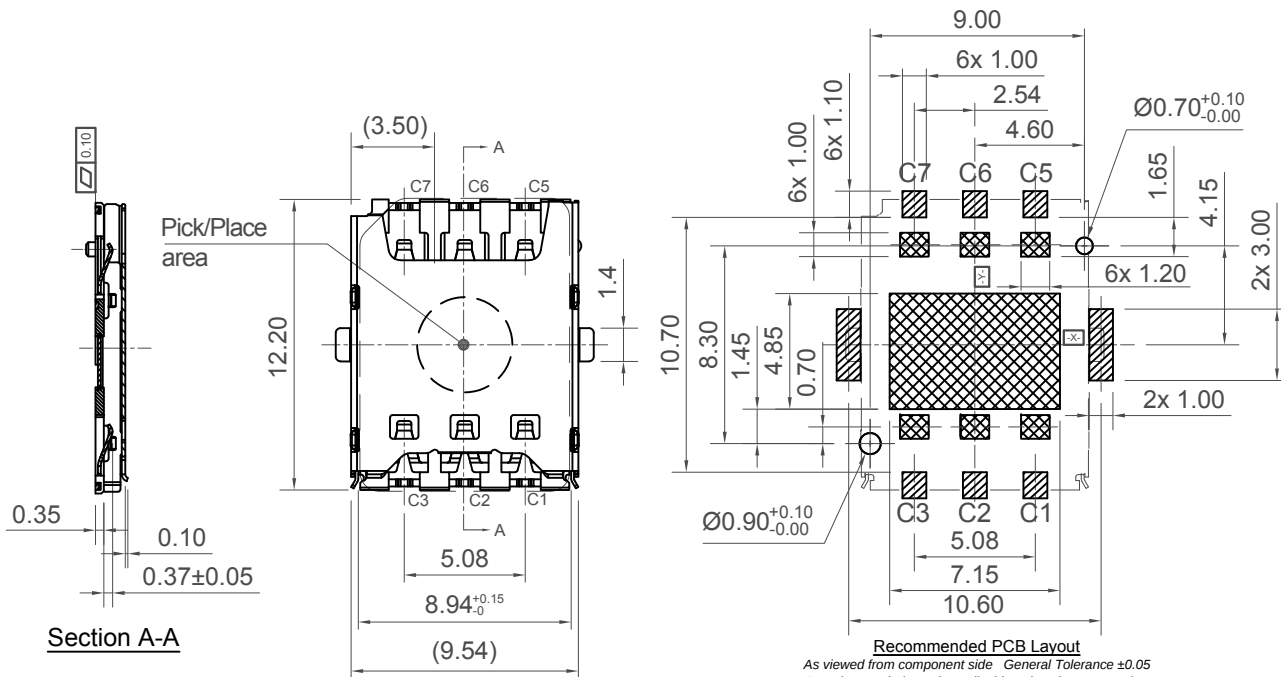
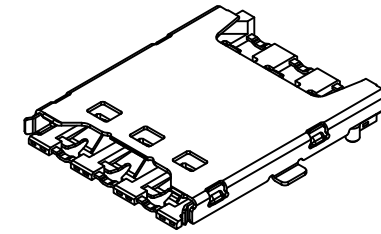




Recommended PCB Layout
 As viewed from component side General Tolerance ±0.05
 Locating peg holes only applicable to locating peg version

Solder Area
 Keep Out Area
 Component Outline



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: 3μ" Gold
 Solder area: Gold Flash
 Underplating: Ni overall 50μ" min.
 Cover: Ni overall 50μ" min.

Electrical

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

Mechanical & Environmental

Operating Temperature: -40°C to +85°C
 Durability: 1500 cycles

Ordering Grid

SIM8051	6	0	14	XX	A	Request Samples and Quotation
No. of Contacts						Packing Options
6 = 6						A = Tape & Reel (1500 per Reel)
Switch						Locating Peg
0 = Without						01 = With (Standard) 00 = Without
Profile Height (H)						
14 = 1.35mm						

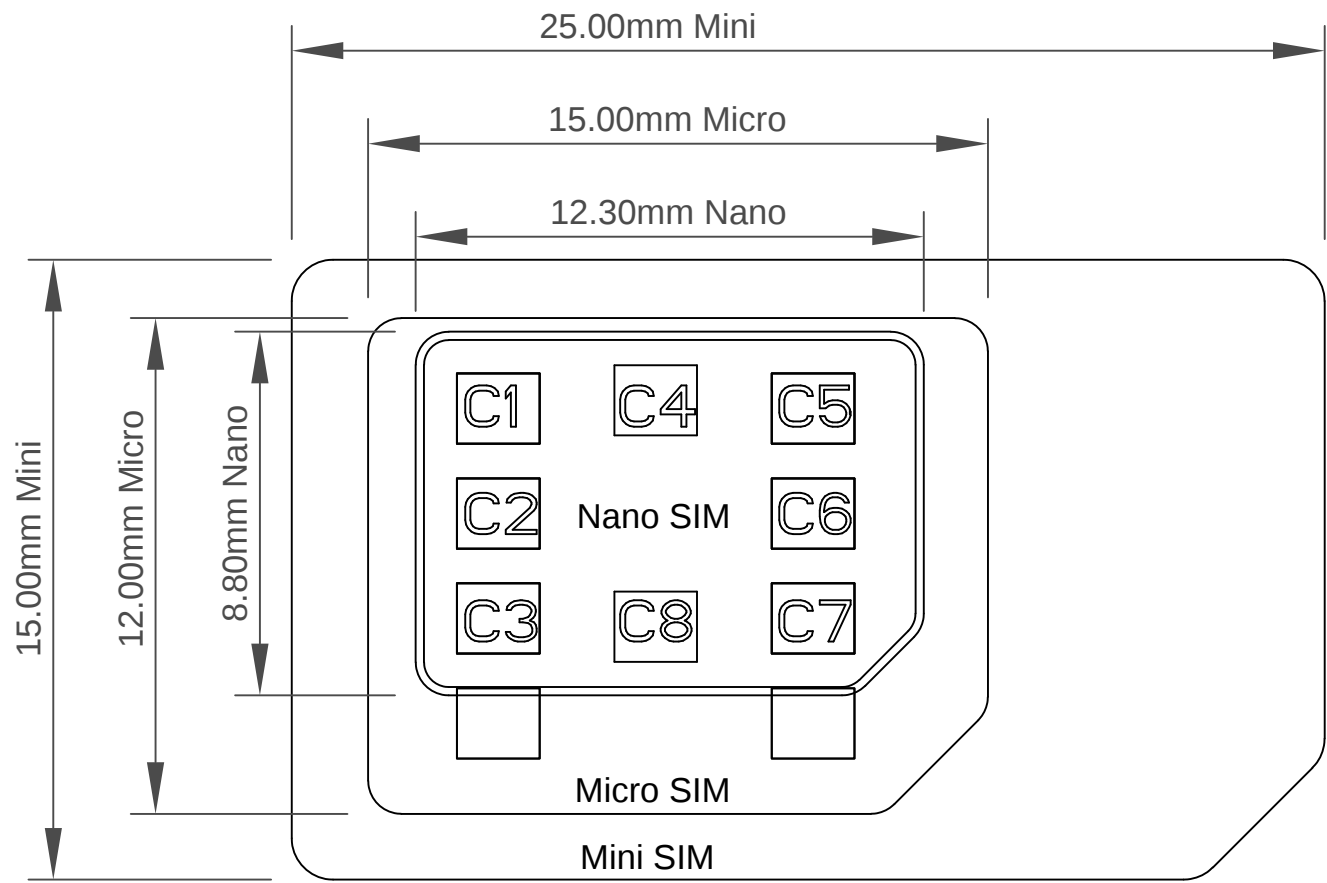
Part Number		Product Description	
SIM8051		Nano SIM Card Connector	
Drawing Date		Push-Pull Type, 6 Pin, SMT, Profile 1.35mm	
28th April 2015			
By	CC	Tolerances (Except as Noted)	Units:
Detail	SIM8051 D PCN	Length X. ± 0.35 X.X ± 0.25 X.XX ± 0.15 X.XXX ± 0.10	Metric (mm)
Revision	D5	All ± 2°	
Date	22/01/21		



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Not to Scale
 Drawn By AJO
 Sheet No. 1/3

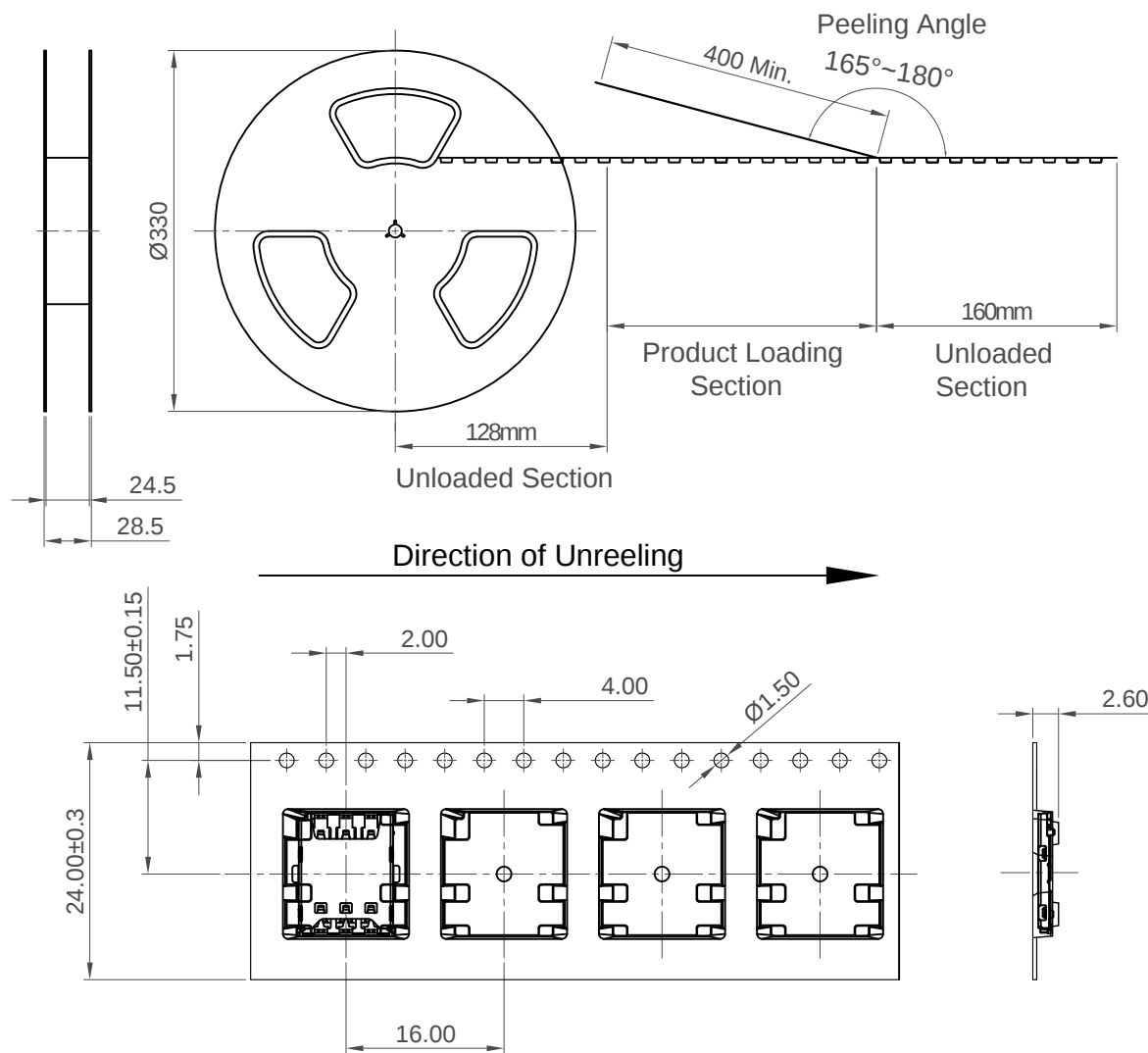


- C1----->VCC
- C2----->RST
- C3----->CLK
- C5----->GND
- C6----->Vpp
- C7----->I/O

Reference

Part Number		Product Description		
SIM8051		Nano SIM Card Connector		
Drawing Date		Push-Pull Type, 6 Pin, SMT, Profile 1.35mm		
28th April 2015				
By	CC	Tolerances (Except as Noted)		Units:
Detail	SIM8051 D PCN	Length	Angle	Metric (mm)
Revision	D5	X. ± 0.35		
Date	22/01/21	X.X ± 0.25	All ± 2°	
		X.XX ± 0.15		
		X.XXX ± 0.10		
				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 AJO
				Sheet No. 2/3





Notes:

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

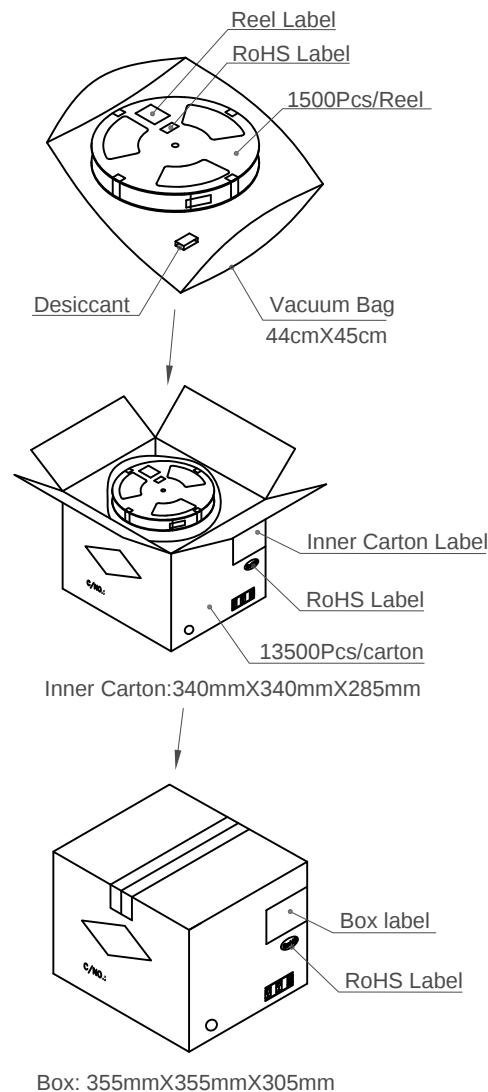
Materials:

Carrier Tape: Polystyrene (PS)

Top Tape: PE

Reel Tape: Polystyrene (PS)

Vacuum Bag: PE



Products P/N	Pcs / Reel	Reels/Carton	Reels/Carton
SIM8051	1500	9	13500

Part Number		Product Description		 www.gct.co	
SIM8051		Nano SIM Card Connector Push-Pull Type, 6 Pin, SMT, Profile 1.35mm			
Drawing Date					
28th April 2015					
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	SIM8051 D PCN	Length		Metric (mm)	
Revision	D5	Angle		3rd Angle Projection	
Date	22/01/21				
				Not to Scale Drawn By AJO Sheet No. 3/3	