

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: 15µ" Gold  
 Solder area: Gold Flash  
 Underplating: Ni overall 50µ" min.  
 Cover : Ni overall 50µ" min.

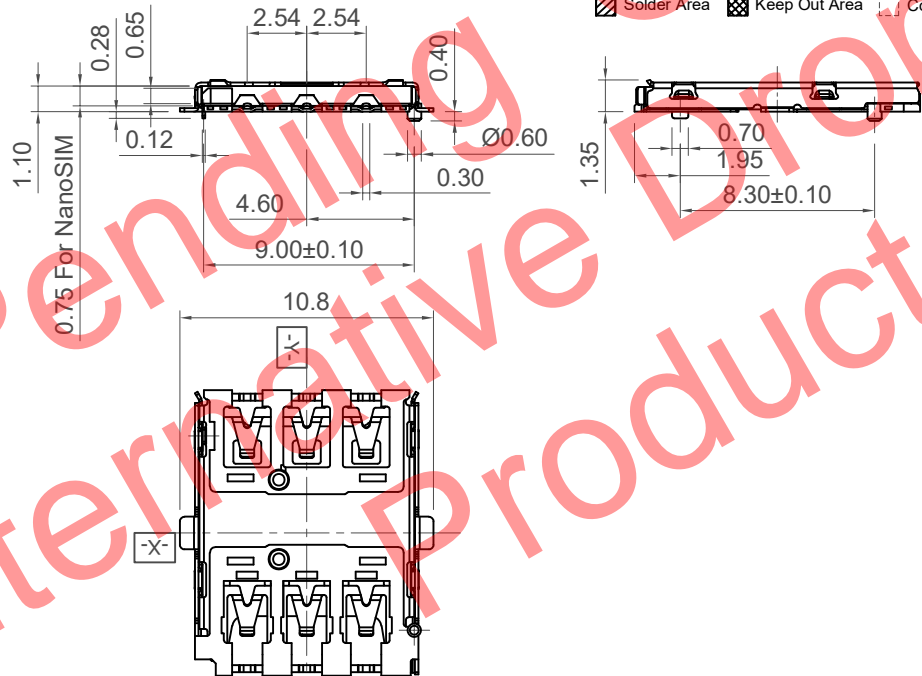
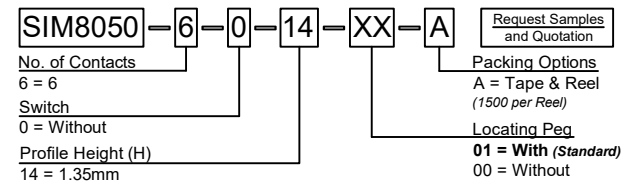
Electrical:

Voltage Rating: 30V max.  
 Current Rating: 0.5A max.  
 Dielectric Withstanding Voltage: 100V AC (60 Sec min. 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



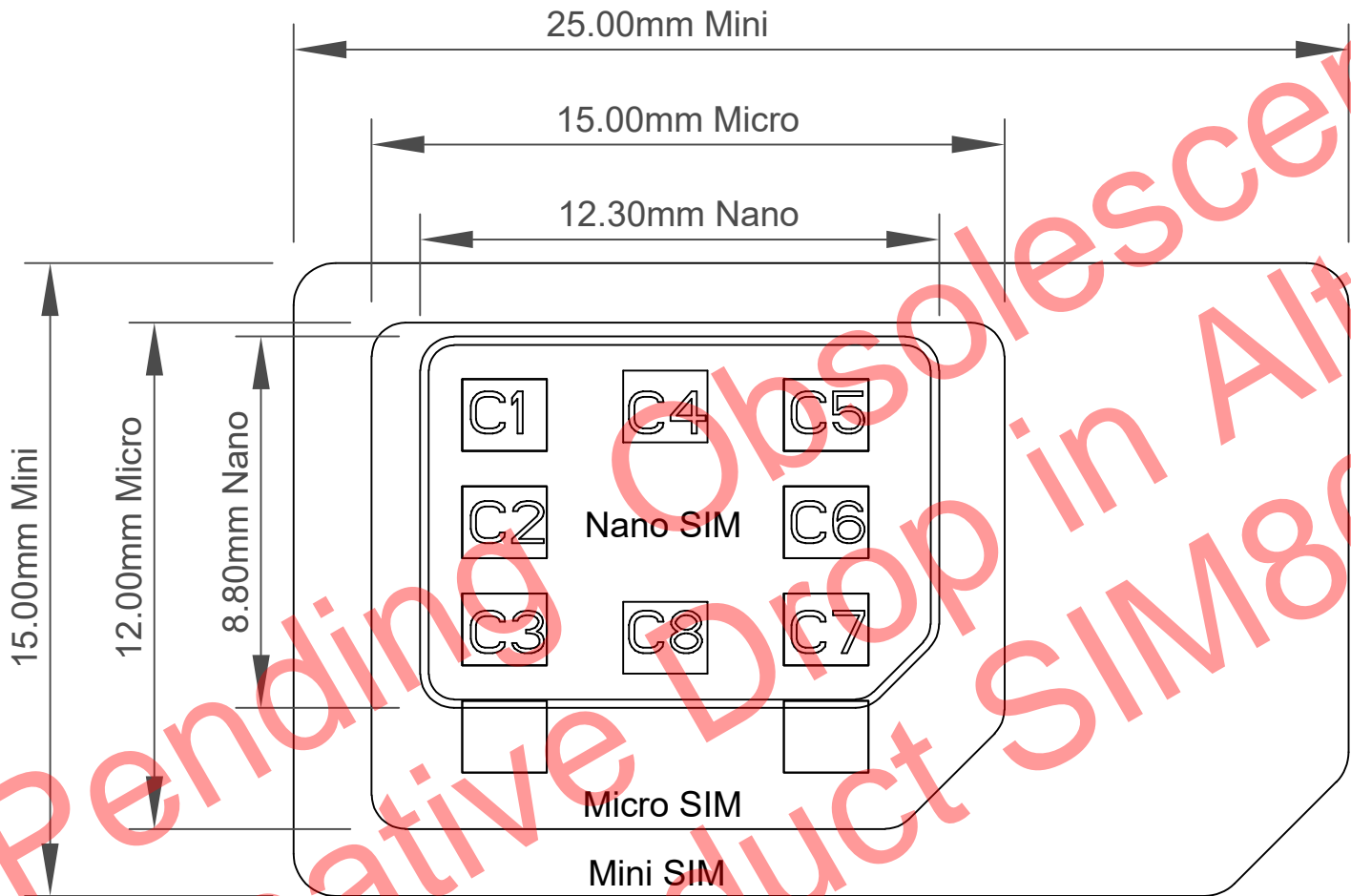
Part Number		Product Description	
SIM8050		Nano SIM Card Connector	
Drawing Date		Push-Pull Type, 6 Pin, SMT, Profile 1.35mm	
3rd June 2013			
By	MW	Tolerances (Except as Noted)	Units:
Detail	SIM8050	Length - X, ± 0.35	Metric (mm)
Revision	F PCN	Angle - XX ± 0.25	3rd Angle Projection
Date	F5	All ± 2°	
	20/05/26	X,XX ± 0.15	
		X,XXX ± 0.10	



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


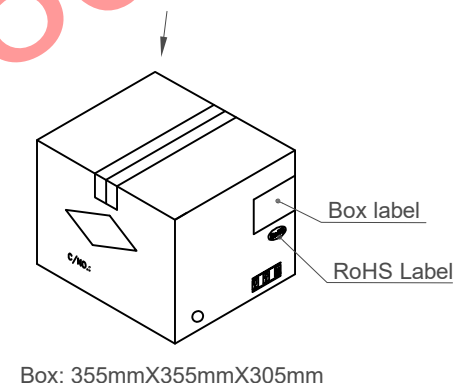
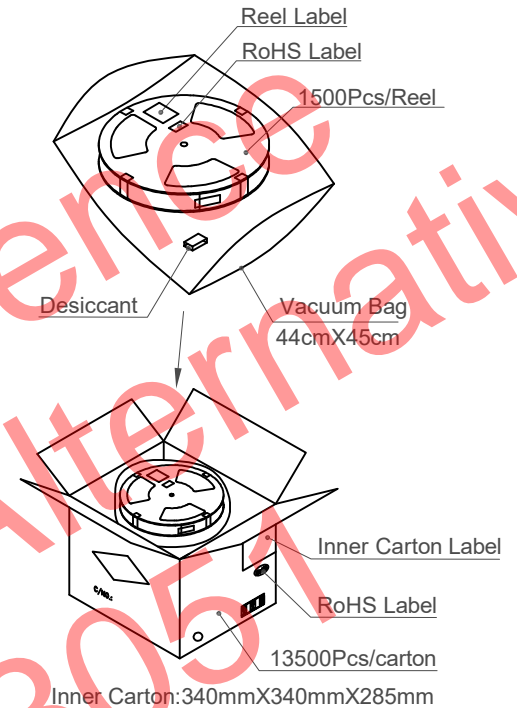
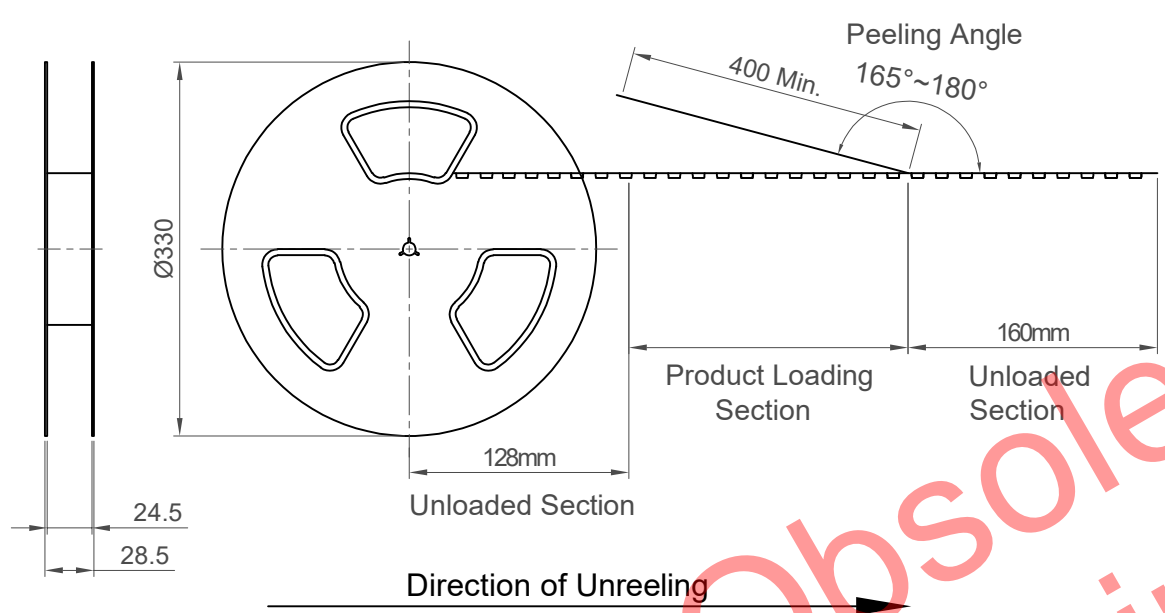
Not to Scale	Drawn By AJO	Sheet No. 1/3
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C1	----->	VCC
C2	----->	RST
C3	----->	CLK
C5	----->	GND
C6	----->	Vpp
C7	----->	I/O

### Reference





Part Number		Product Description		 www.gct.co	
SIM8050		Nano SIM Card Connector			
Drawing Date		Push-Pull Type, 6 Pin, SMT, Profile 1.35mm			
3rd June 2013					
By	MW	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	Not to Scale Drawn By AJO Sheet No. 2/3
Detail	SIM8050 F PCN	Length: X. ± 0.35	Metric (mm)		
Revision	F5	Angle: X.X ± 0.25	 All ± 2°		
Date	20/05/26	X.XX ± 0.15			
		X.XXX ± 0.10			



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		 <a href="http://www.gct.co">www.gct.co</a>
Drawing Date 3rd June 2013		Push-Pull Type, 6 Pin, SMT, Profile 1.35mm		
By MW	Tolerances (Except as Noted) Length Angle	Units: Metric (mm)	  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				
Revision F5				Not to Scale
Date 20/05/26				Drawn By AJO
				Sheet No. 3/3