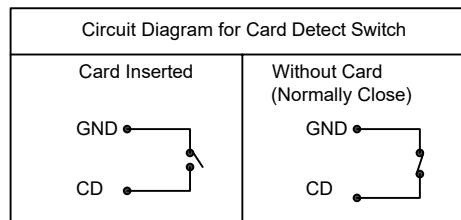
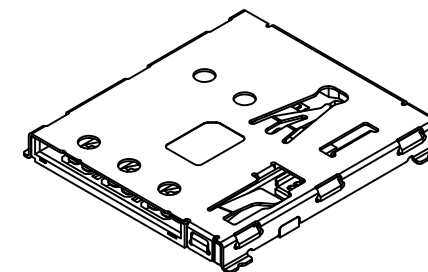
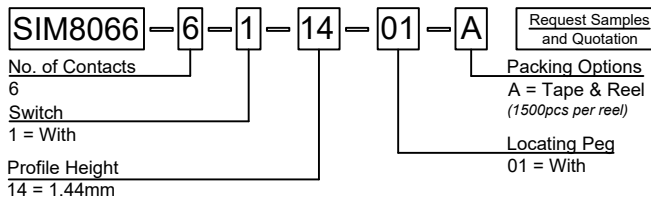


Recommended PCB Layout
(Viewed from Component Side - Tolerance:±0.05mm)
 Solder Area Keep Out Area Component Outline



Ordering Grid



Specifications

Material

Housing&Slide : High Temperature Thermoplastic,
UL94V-0, Black
Contact Terminal: Copper Alloy
Metallic Shell: Stainless Steel
Spring: SWP-B
Link: Stainless Steel

Plating





Contact :
Contact Area: Gold Flash over Nickel
Soldering Tail: Gold Flash over Nickel
Shell:
Soldering Tail: Gold Flash over Nickel
Spring&Link: Cleaning

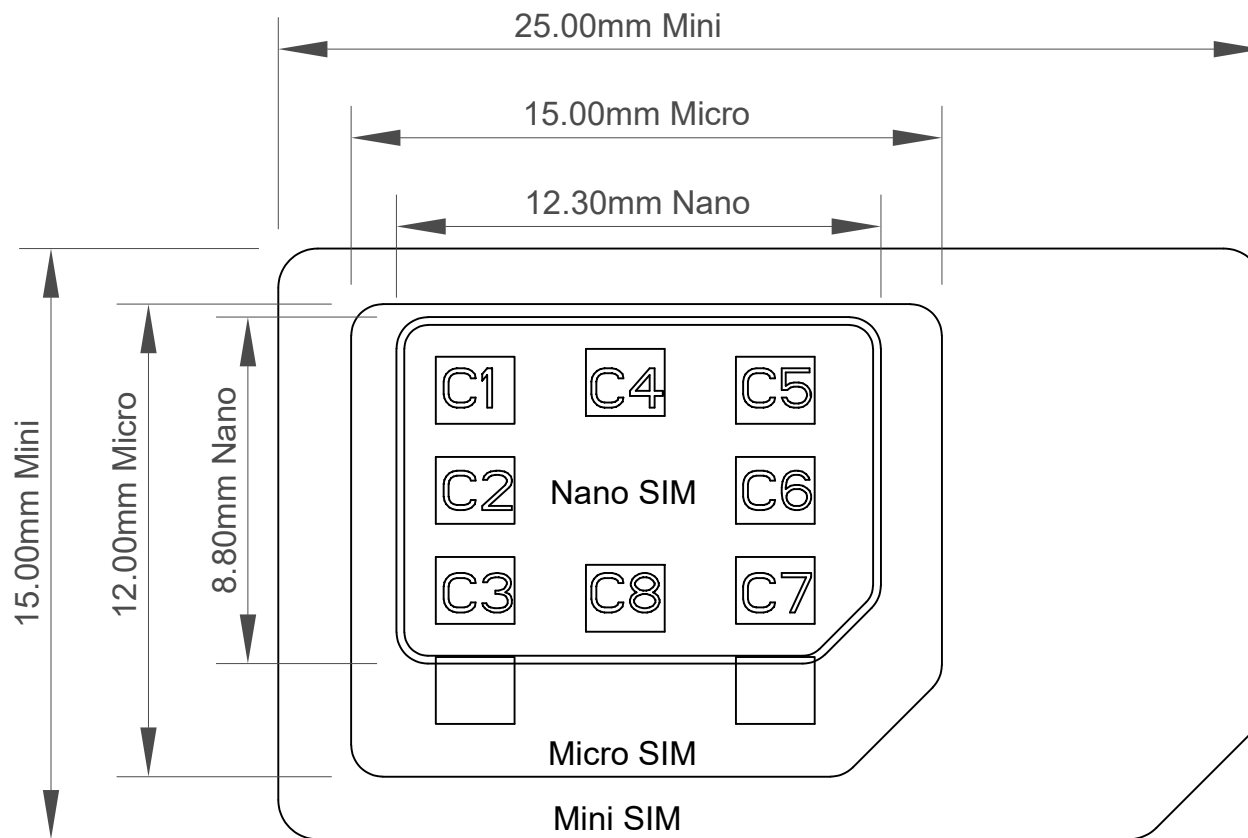
Electrical

Voltage rating: 30V AC/DC
Current Rating: 1.0 Amp AC/DC Max.
Contact Resistance:
Signal contact: 100 mΩ Max.
CD to GND: 200 mΩ Max.
Dielectric Withstanding Voltage:500V AC (60 Sec Min.)
Insulation Resistance: 1000 MΩ Min.@500V DC

Mechanical & Environmental





Operating Temperature: -40°C to +85°C
Durability: 5,000 cycles

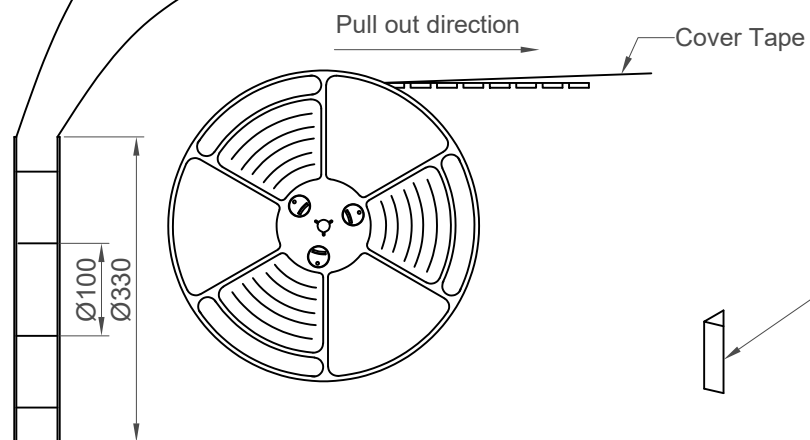
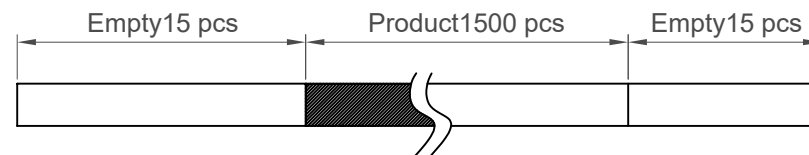
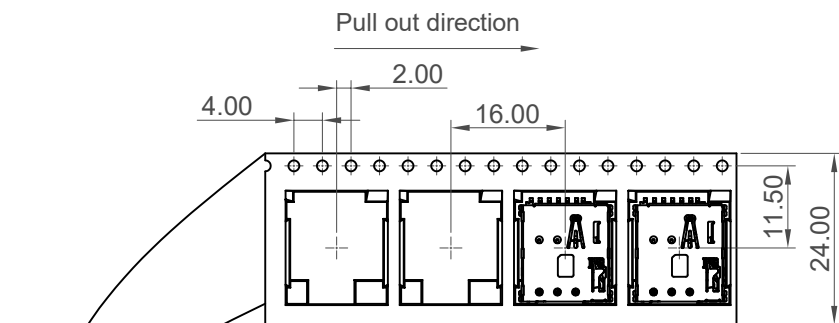
Part Number		Product Description	
SIM8066		Nano SIM Card Connector	
Drawing Date		Push-Push Type, SMT, 6Pin, 1.44mm Profile	
19th March 2021			
By	CC	Tolerances (Except as Noted)	Units:
Detail	SIM8066 B PCN	Length	Metric (mm)
Revision	B	X.X ± 0.30	± 2°
Date	05/02/25	X.XX ± 0.20	
		X.XXX ± 0.10	
		 3rd Angle Projection	
			
		 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	
		Not to Scale	Drawn By CC
		Sheet No. 1/3	



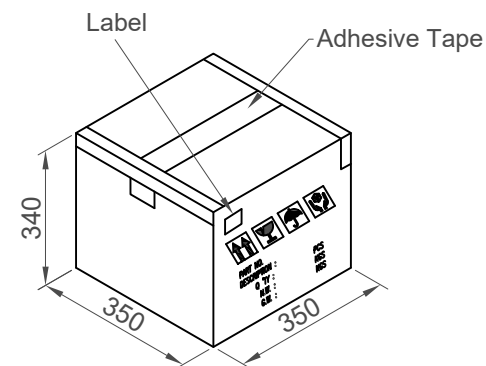
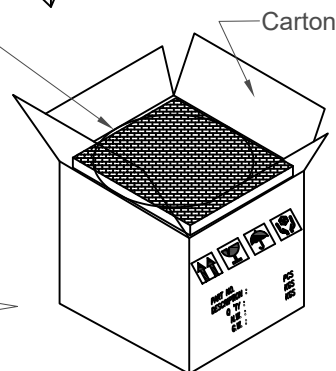
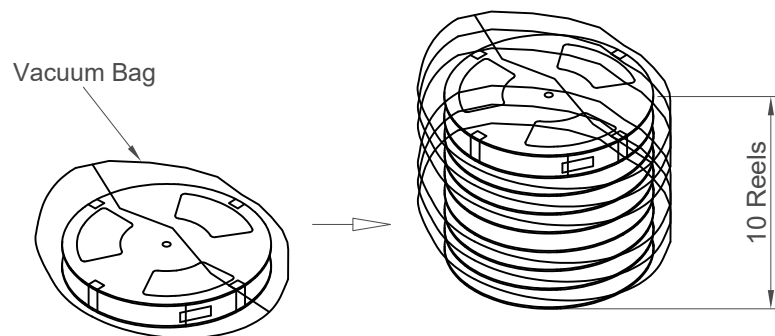
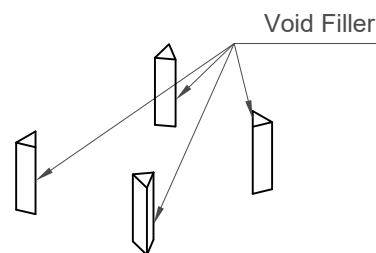
C1----->VCC
 C2----->RST
 C3----->CLK
 C5----->GND
 C6----->Vpp
 C7----->I/O

Reference

Part Number		Product Description				<div> www.gct.co</div>
SIM8066		Nano SIM Card Connector				
Drawing Date		Push-Push Type, SMT, 6Pin, 1.44mm Profile				
19th March 2021						
By	CC	Tolerances (Except as Noted)		Units:	<div><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></div>	
Detail	SIM8066 B PCN	Length	Angle	Metric (mm)		
Revision	B	X.X ± 0.30		± 2°		
Date	05/02/25	X.XX ± 0.20				
		X.XXX ± 0.10				
Not to Scale		Drawn By CC		Sheet No. 2/3		



Pcs/Reel	Reels/Carton	Pcs/Carton
1500	10	15000



1500pcs x 10=15000pcs

Part Number SIM8066		Product Description Nano SIM Card Connector Push-Push Type, SMT, 6Pin, 1.44mm Profile	
Drawing Date 19th March 2021			
By CC	CC	Tolerances (Except as Noted) Length Angle	Units: Metric (mm)
Detail SIM8066 B PCN		X.X ± 0.30 X.XX ± 0.20 X.XXX ± 0.10	± 2°
Revision B			
Date 05/02/25			
		<div> </div>	
		<div> 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 </div>	
		Not to Scale	Drawn By CC
			Sheet No. 3/3

GCT
www.gct.co