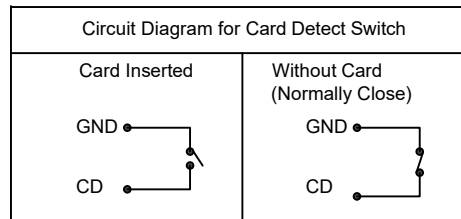


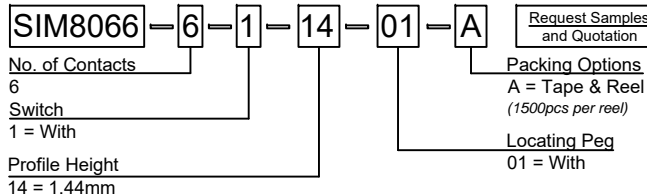
Recommended PCB Layout

(Viewed from Component Side - Tolerance:±0.05mm)

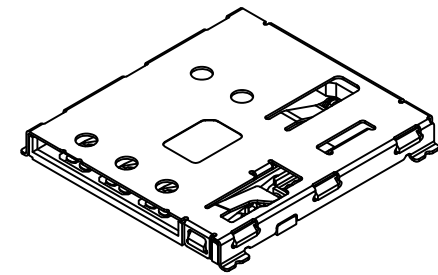
▨ Solder Area ▩ Keep Out Area □ Component Outline



Ordering Grid



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	Drawing Release	Length	Metric (mm)
Revision	A1	X.X ± 0.30	
Date	22/09/21	X.XX ± 0.20	
		X.XXX ± 0.10	± 2°



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

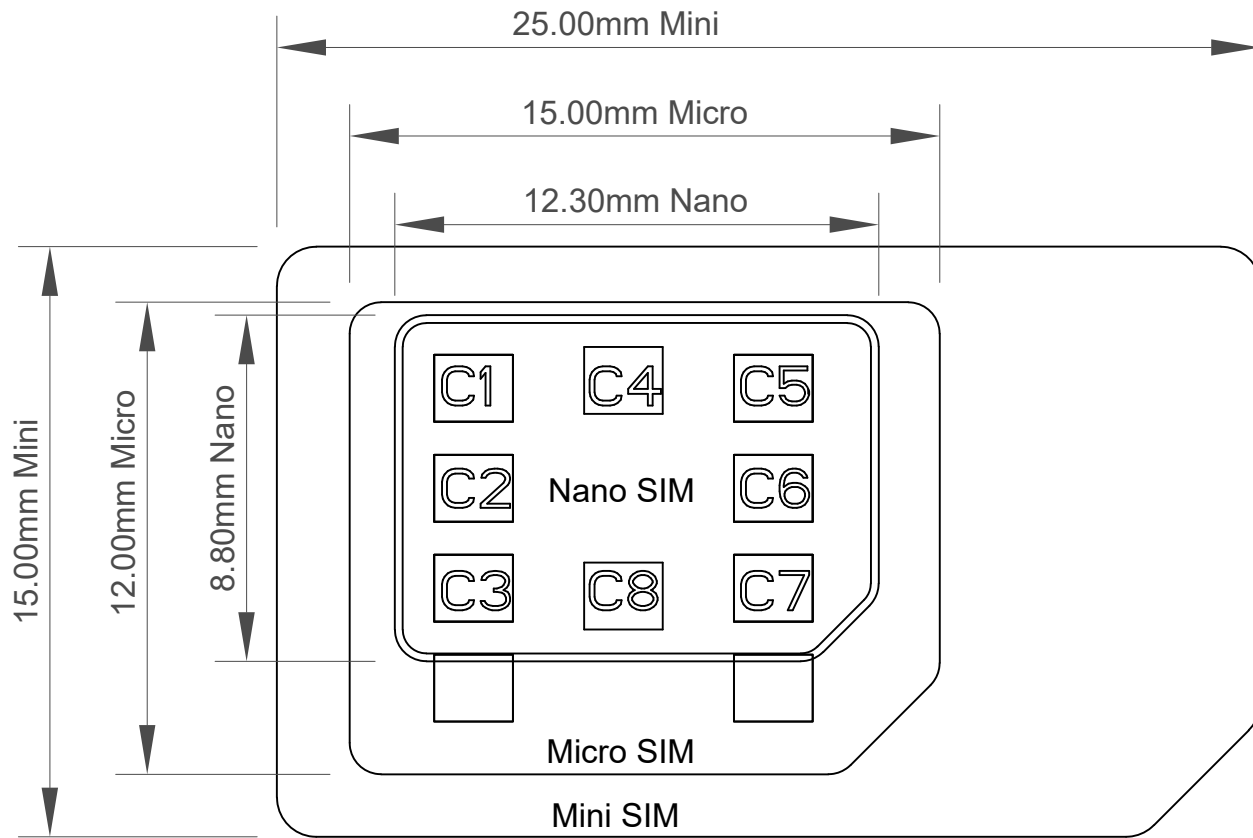


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- C1----->VCC
- C2----->RST
- C3----->CLK
- C5----->GND
- C6----->Vpp
- C7----->I/O

Reference

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	Drawing Release	Length	Metric (mm)
Revision	A1	X.X ± 0.30	 3rd Angle Projection
Date	22/09/21	X.XX ± 0.20	
		X.XXX ± 0.10	± 2°

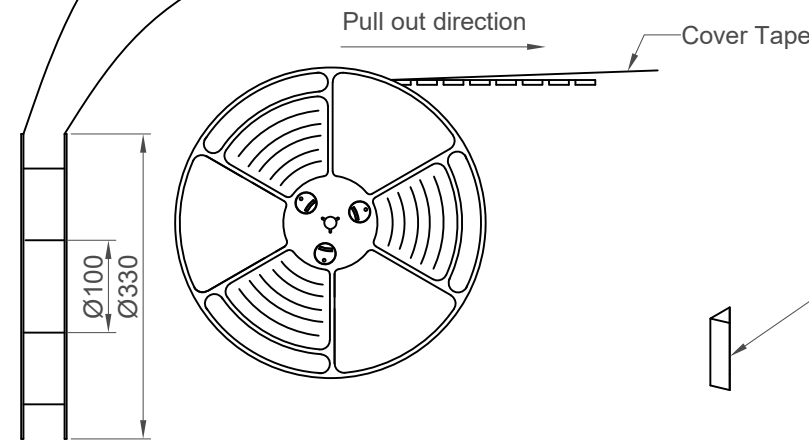
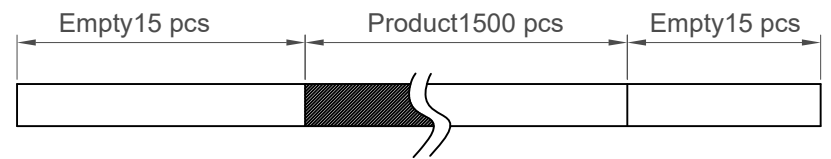
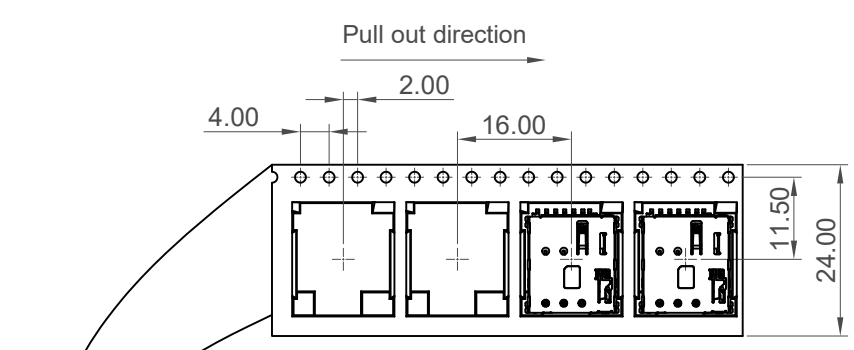


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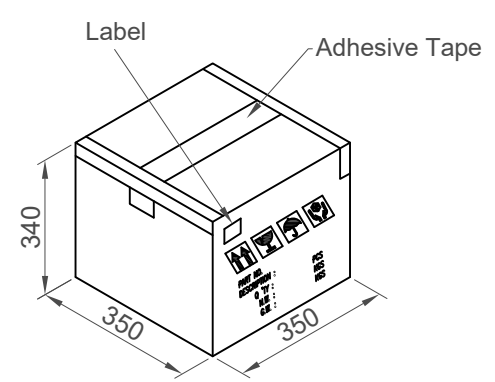
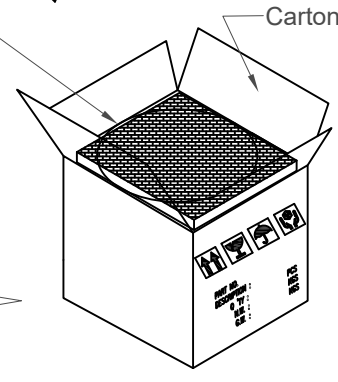
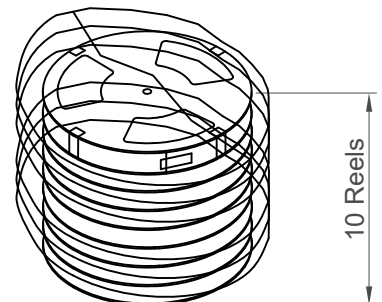
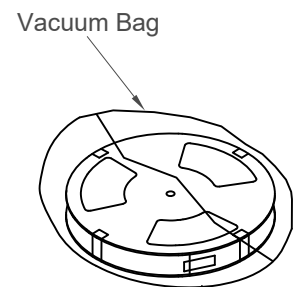
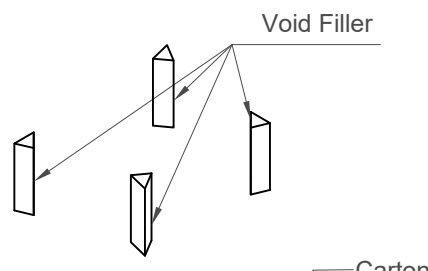


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H
G
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E
D
C
B
A



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



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:
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Date	22/09/21	X.XX ± 0.20	
		X.XXX ± 0.10	
		± 2°	

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1 2 3 4 5 6 7 8