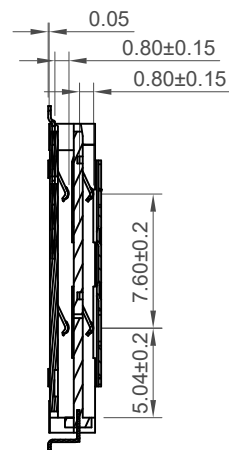
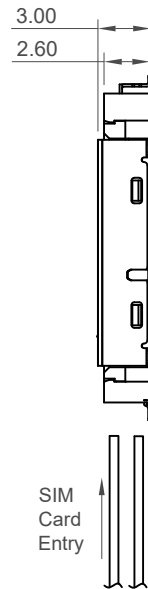
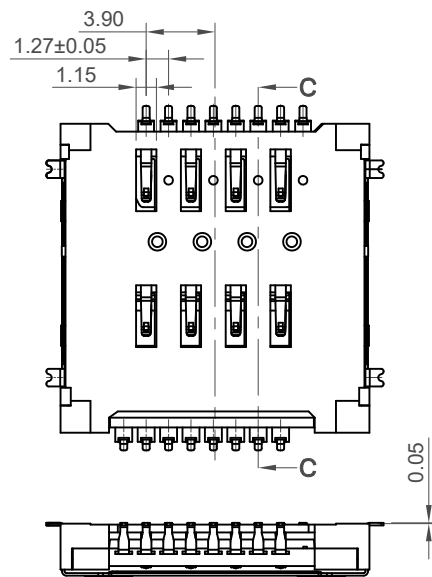
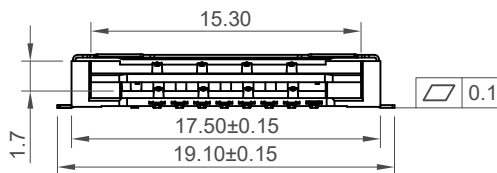
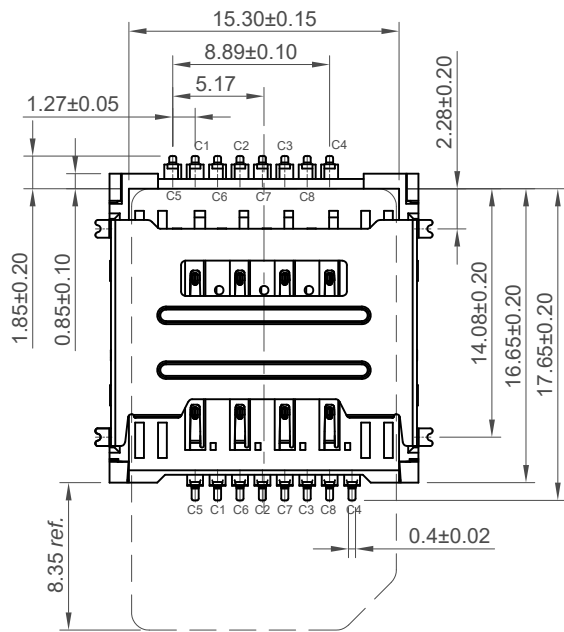
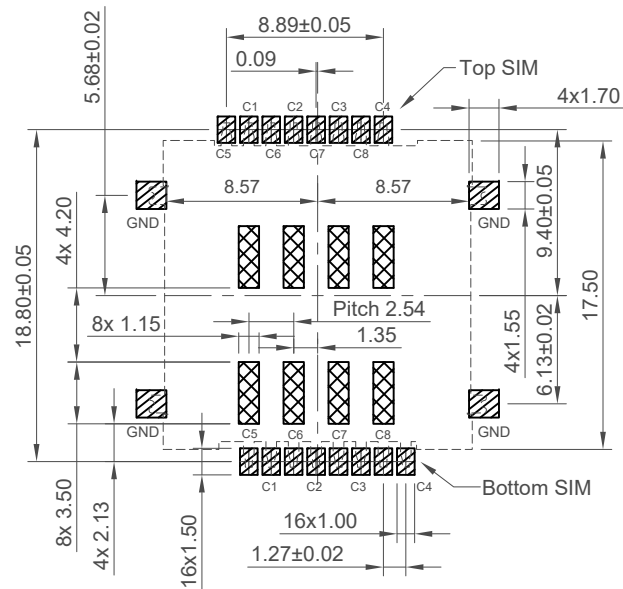


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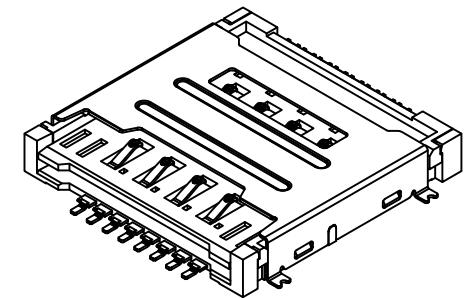
Section C-C



Recommended PCB Layout

As viewed from component side Tolerance:±0.05mm

▨ Solder Area ▩ Keep Out Area ▭ Component Outline



Specifications

Material

Plastic Housing: LCP 30%GF, UL94V-0, Black
Contact Terminal: Phosphor Bronze C5210-EH, T=0.15mm
Metallic Shell: SUS301-H, T=0.15mm

Plating

Contact Terminal
Contact Area: 3μ"Gold
Solder area: Gold Flash
Underplating: 50μ" Ni overall
Metallic Shell: 50μ" Ni overall

Electrical

Voltage Rating: 30V rms
Current Rating: 0.5A per pin
Operating Temperature: -40°C to +85°C
Dielectric Withstanding Voltage: 200V AC (60Sec min)
Insulation Resistance: 100MΩ min. (Apply 500VDC)
Contact Resistance: 100mΩ max.

Mechanical & Environmental

Duration: 5000 cycles

Ordering Grid

SIM6050 - 8 - 0 - 30 - 00 - A Request Samples and Quotation

No. of Contacts

8

Profile Height (H)

30 = 3.00mm

Packing Options

A = Tape & Reel
(700 per Reel)

Part Number		Product Description		
SIM6050		SIM Card Connector, Retainer Type, Dual SIM, 2x8 Pin, SMT, Profile 3.00mm		
Drawing Date				
15th March 2010				
By	CC	Tolerances (Except as Noted)	Units:	 C 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	SIM6050 D PCN	Length	Metric (mm)	
		Angle		
Revision	D3	X.X ± 0.35 X.XX ± 0.25 X.XXX ± 0.15	X.X° ± 3° X.XX° ± 2°	
Date	14/10/22		 3rd Angle Projection	



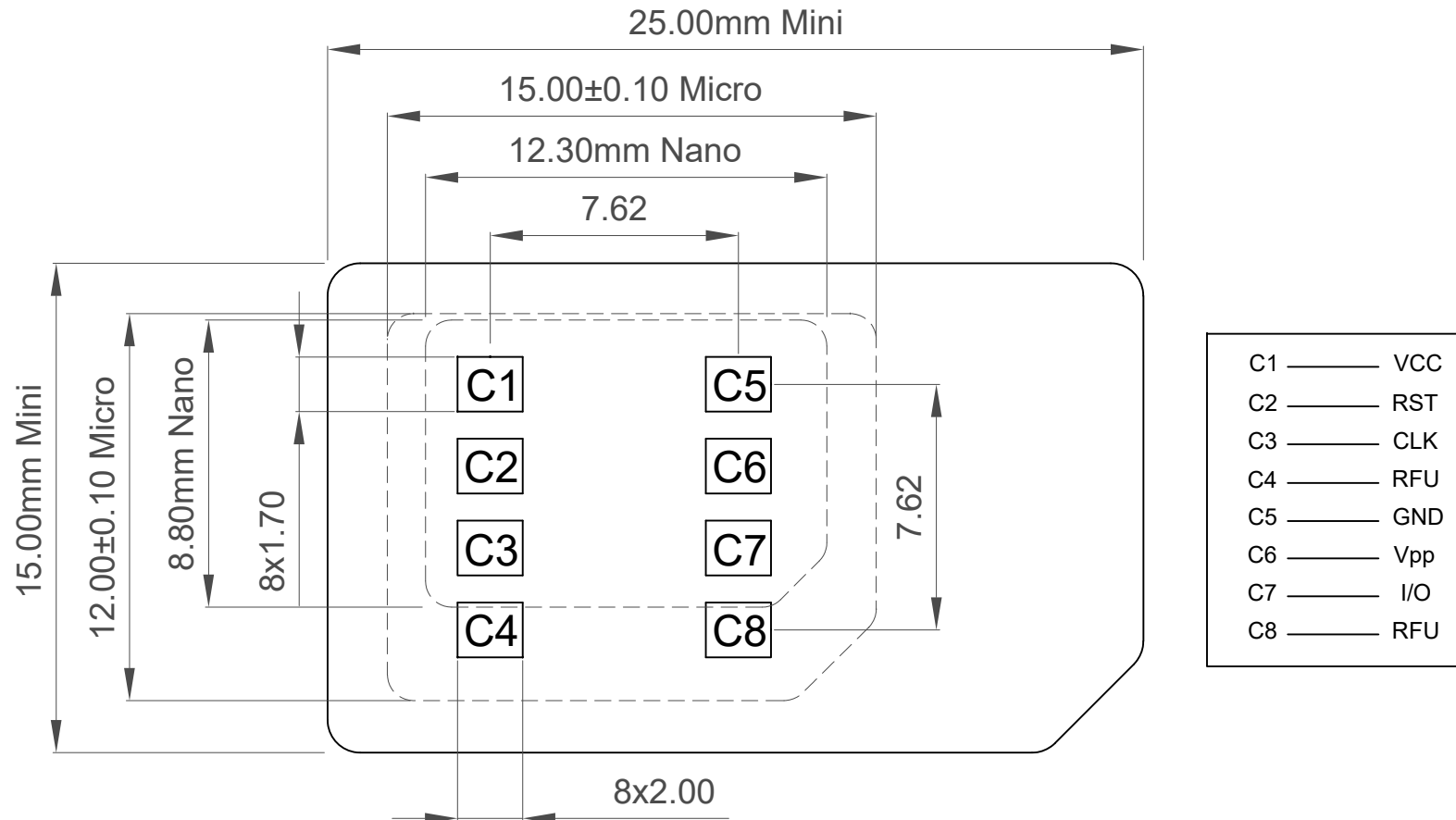
This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE

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

Mini SIM Reference

thickness = 0.76±0.08



Part Number		Product Description	
SIM6050		SIM Card Connector, Retainer Type, Dual SIM, 2x8 Pin,	
Drawing Date		SMT, Profile 3.00mm	
15th March 2010			
By	CC	Tolerances (Except as Noted)	Units:
Detail	SIM6050	Length	Metric (mm)
Revision	D PCN	Angle	
Date	D3		
	14/10/22		

		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 SA	Sheet No. 2/3

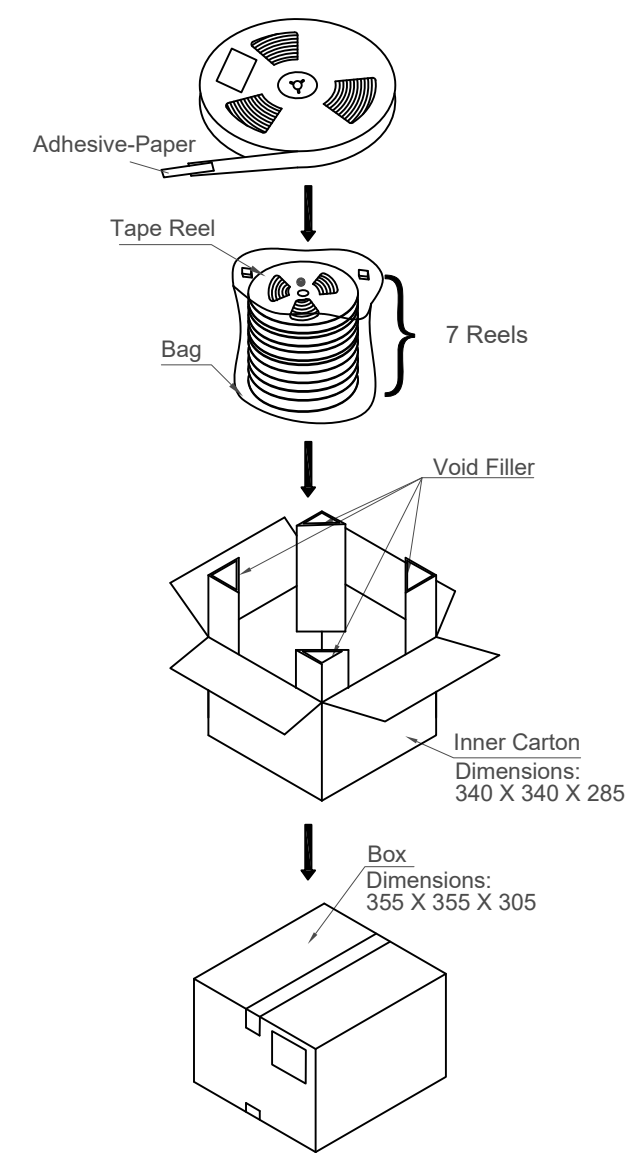
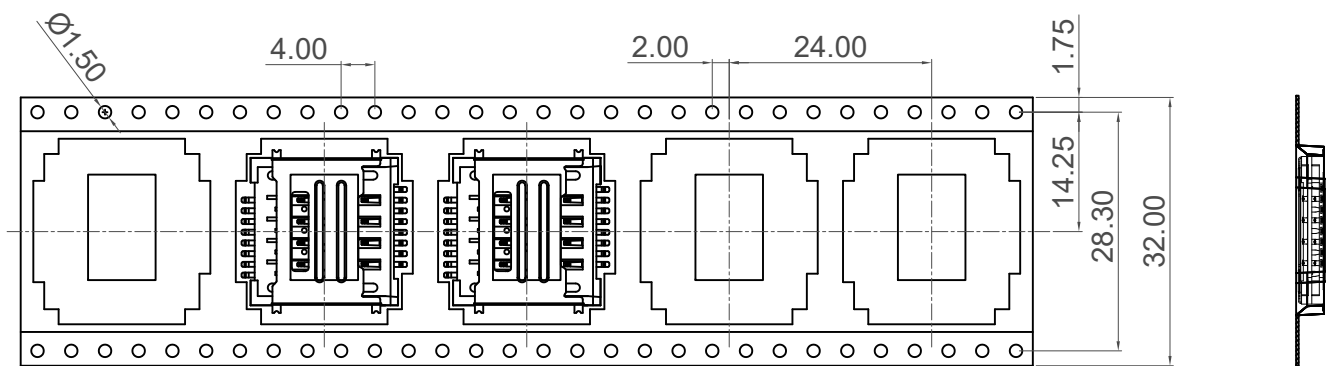
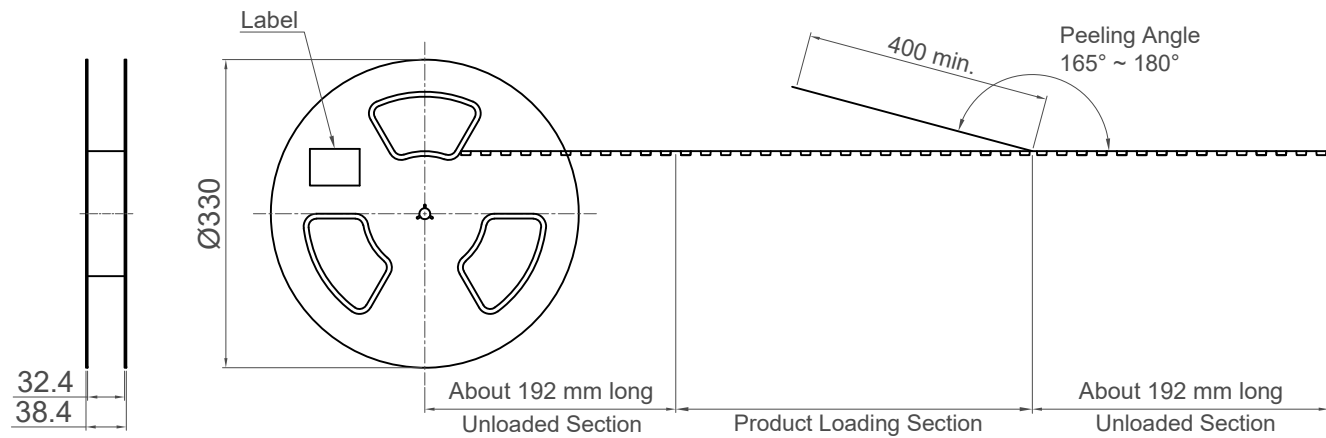
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Sheet No. 2/3

H
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F
E
D
C
B
A



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)
Bag: PE

Pcs / Reel	Reels / Carton	Total Quality
700	7	4900 pcs

Part Number SIM6050		Product Description SIM Card Connector, Retainer Type, Dual SIM, 2x8 Pin, SMT, Profile 3.00mm	
Drawing Date 15th March 2010			
By CC		Tolerances (Except as Noted) Length Angle	Units: Metric (mm)
Detail SIM6050 D PCN			
Revision D3			
Date 14/10/22			
			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
			GCT www.gct.co
		Not to Scale	Drawn By SA Sheet No. 3/3