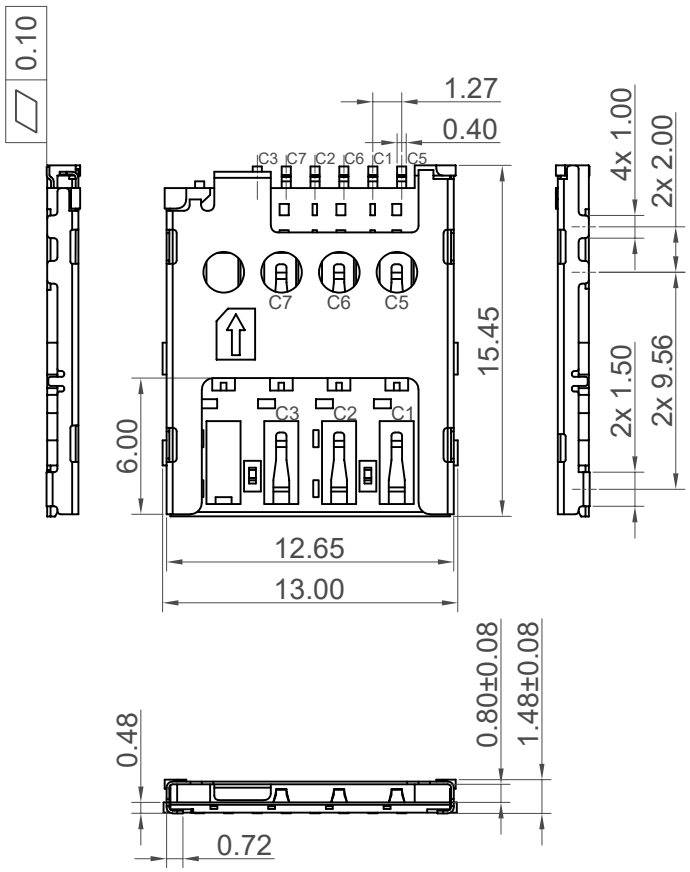
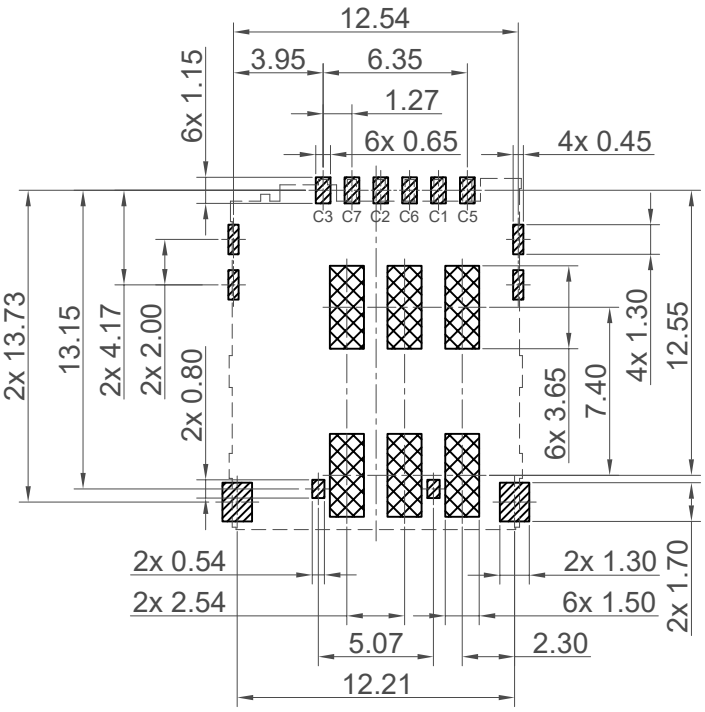
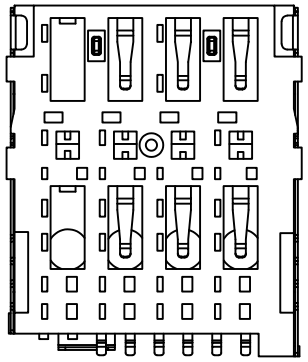


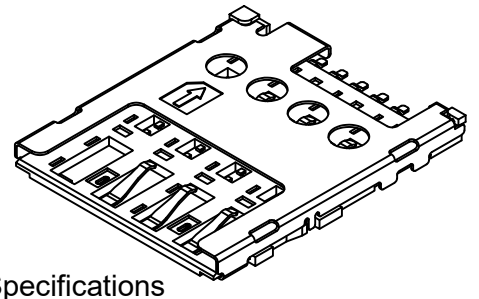


Recommended PCB Layout

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

Solder Area | Keep Out Area | Component Outline





Specifications

Material
- Housing: LCP, UL94V-0, Black
- Terminal: Copper Alloy
- Shell: Stainless Steel

Plating
- Contact:
  - Contact Area: Gold Flash
  - Solder Tails: Gold Flash
  - Underplating: 50µ" Nickel
- Shell:
  - Solder Tails: Gold Flash
  - Underplating: 50µ" Nickel

Electrical
- Voltage Rating: 30V AC/DC
- Current Rating: 0.5A Max.
- Contact Resistance: 100mΩ Max.
- Dielectric Withstanding Voltage: 500V AC (60 Sec Min.)
- Insulation Resistance: 1000 MΩ Min.@500V DC

Mechanical & Environmental
- Operating Temperature: -30°C to +85°C
- Durability: 10,000 cycles

Ordering Grid

SIM7205 — 6 — 0 — 15 — 00 — A

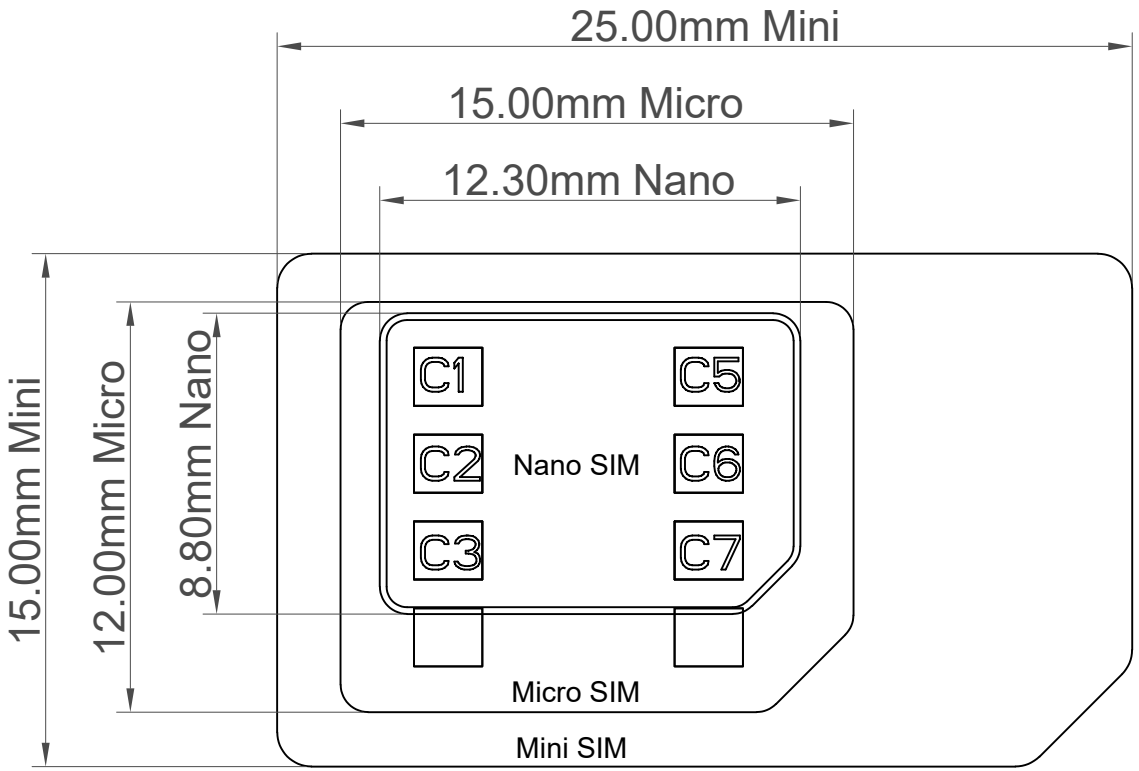
Request Samples and Quotation

- No. of Contacts: 6
- Switch: 0 = Without
- Profile Height: 15 = 1.48mm
- Locating Peg: 00 = Without
- Packing Options: A = Tape & Reel *(1500pcs per reel)*

Part Number: SIM7205		Product Description: Micro SIM Card Connector, Push-Pull Type, SMT, 6Pin, 1.48mm Profile				
Drawing Date: 15th December 2025						
By	KY	Tolerances (Except as Noted) Length	Angle	Units: Metric (mm)	RoHS COMPLIANT 2011/65/EU Dec-BDE	© 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	Drawing Release	X.X ± 0.2	± 1°	3rd Angle Projection		
Revision	A	X.XX ± 0.15				
Date	15/12/25	X.XXX ± 0.08				

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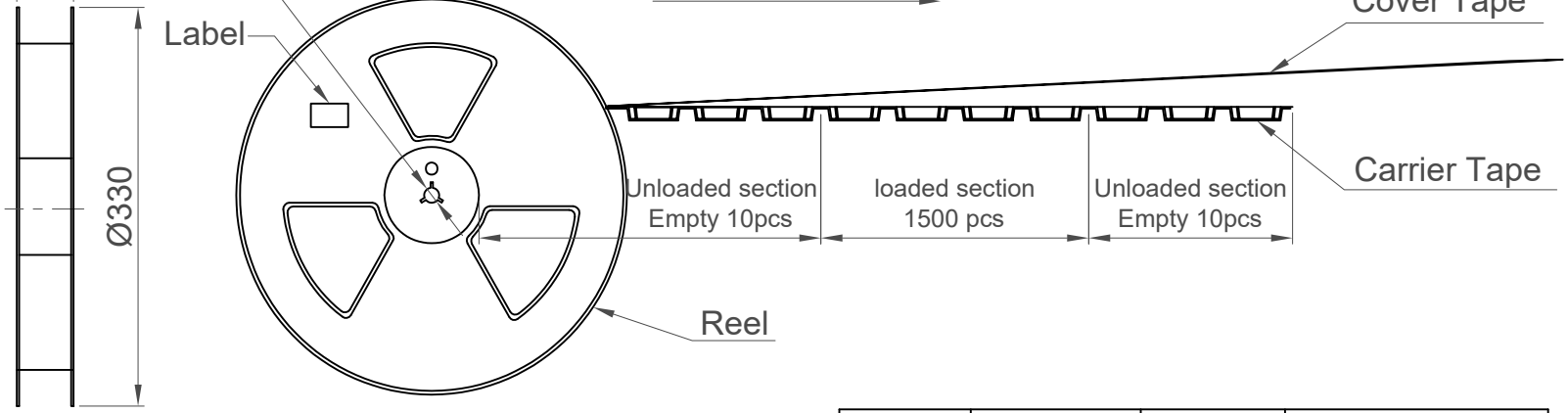
Not to Scale	Drawn By KY	Sheet No. 1/3

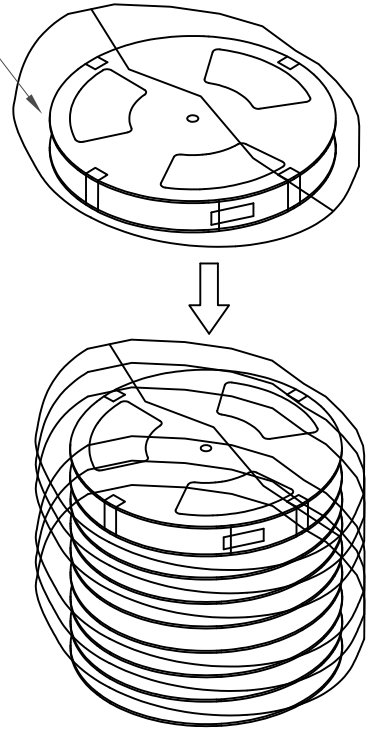


C1----->VCC
C2----->RST
C3----->CLK
C5----->GND
C6----->Vpp
C7----->I/O

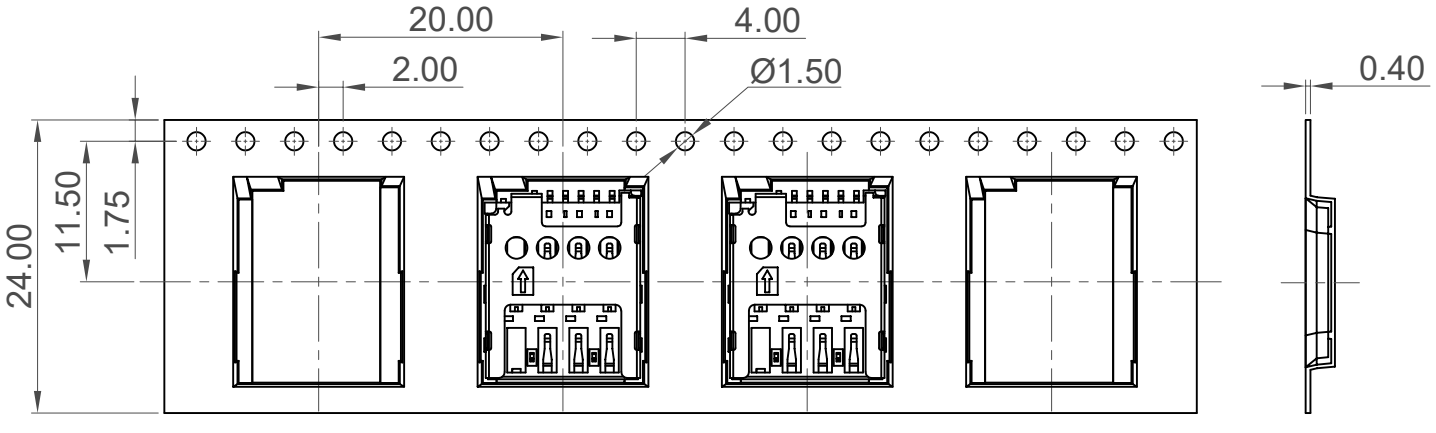
Reference

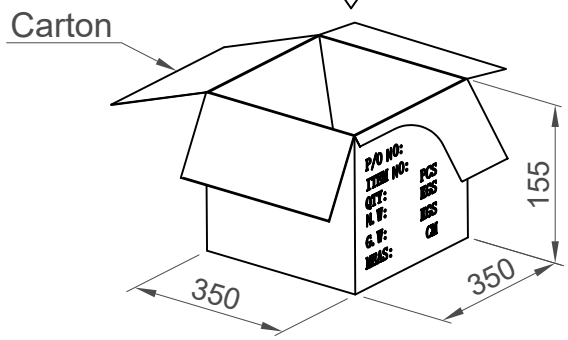
Part Number: SIM7205		Product Description: Micro SIM Card Connector, Push-Pull Type, SMT, 6Pin, 1.48mm Profile					
Drawing Date: 15th December 2025							
By	KY	Tolerances (Except as Noted) Length	Angle	Units: Metric (mm)	RoHS COMPLIANT 2011/65/EU Deca-BDE	© This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE	GCT www.gct.co
Detail	Drawing Release	X.X ± 0.2 X.XX ± 0.15 X.XXX ± 0.08	± 1°	3rd Angle Projection			
Revision	A						Not to Scale / Drawn By KY / Sheet No. 2/3
Date	15/12/25						





Pcs/Reel	Reels/Carton	Pcs/Carton	Carton Dimensions
1500	5	7500	350 x 350 x 155mm





Part Number	Product Description
SIM7205	Micro SIM Card Connector, Push-Pull Type, SMT, 6Pin, 1.48mm Profile
Drawing Date	
15th December 2025	

By	KY	Tolerances (Except as Noted)		Units:	RoHS COMPLIANT 2011/65/EU Deca-BDE	©	GCT www.gct.co
Detail	Drawing Release	Length	Angle	Metric (mm)			
Revision	A	-	-	3rd Angle Projection			
Date	15/12/25						

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Not to Scale	Drawn By KY	Sheet No. 3/3