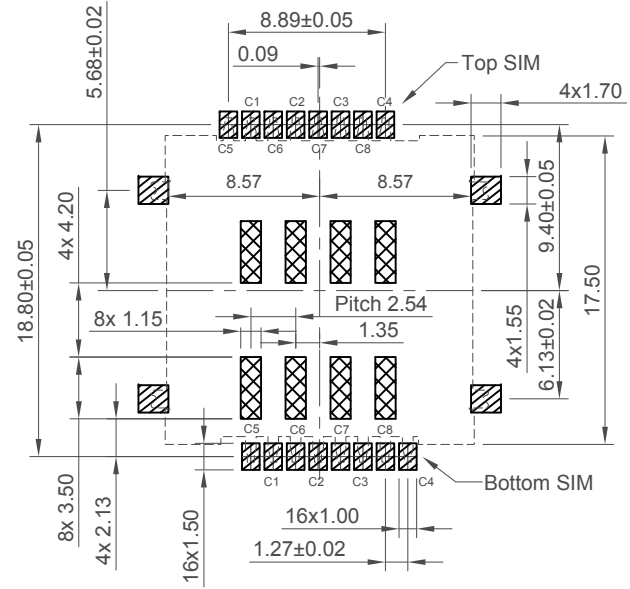
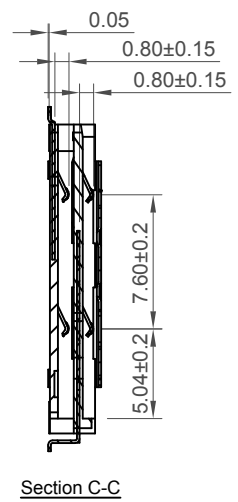
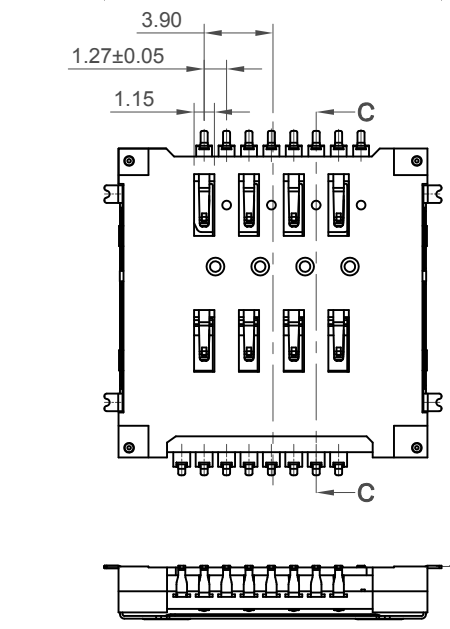
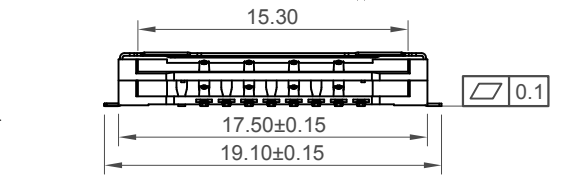
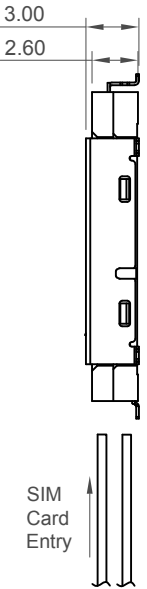
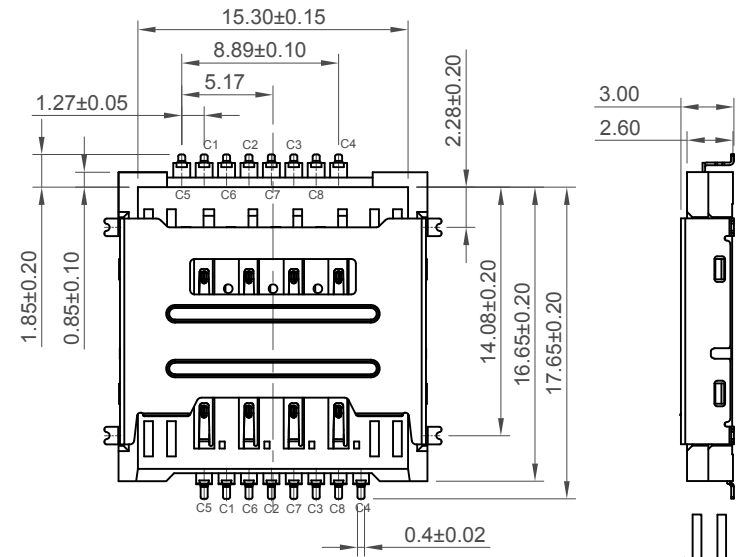


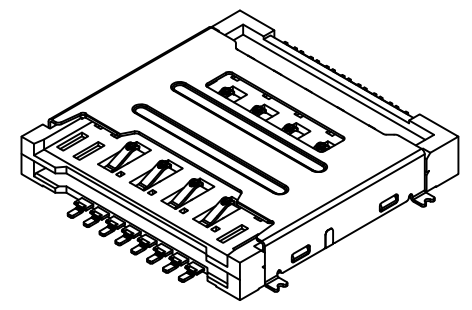
H
G
F
E
D
C
B
A



Recommended PCB Layout

As viewed from component side Tolerance: ±0.05mm

▨ Solder Area ⊗ Keep Out Area □ Component Outline



Specifications

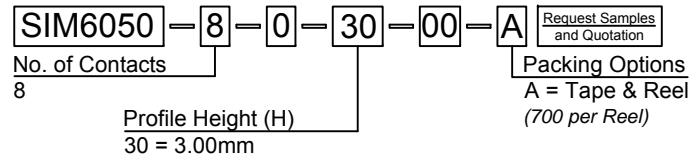
Material
 Plastic Housing: LCP 30%GF, UL94V-0, Black
 Contact Terminal: Phosphor Bronze C5210-EH, T=0.15mm
 Metallic Shell: SUS301-H, T=0.15mm

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

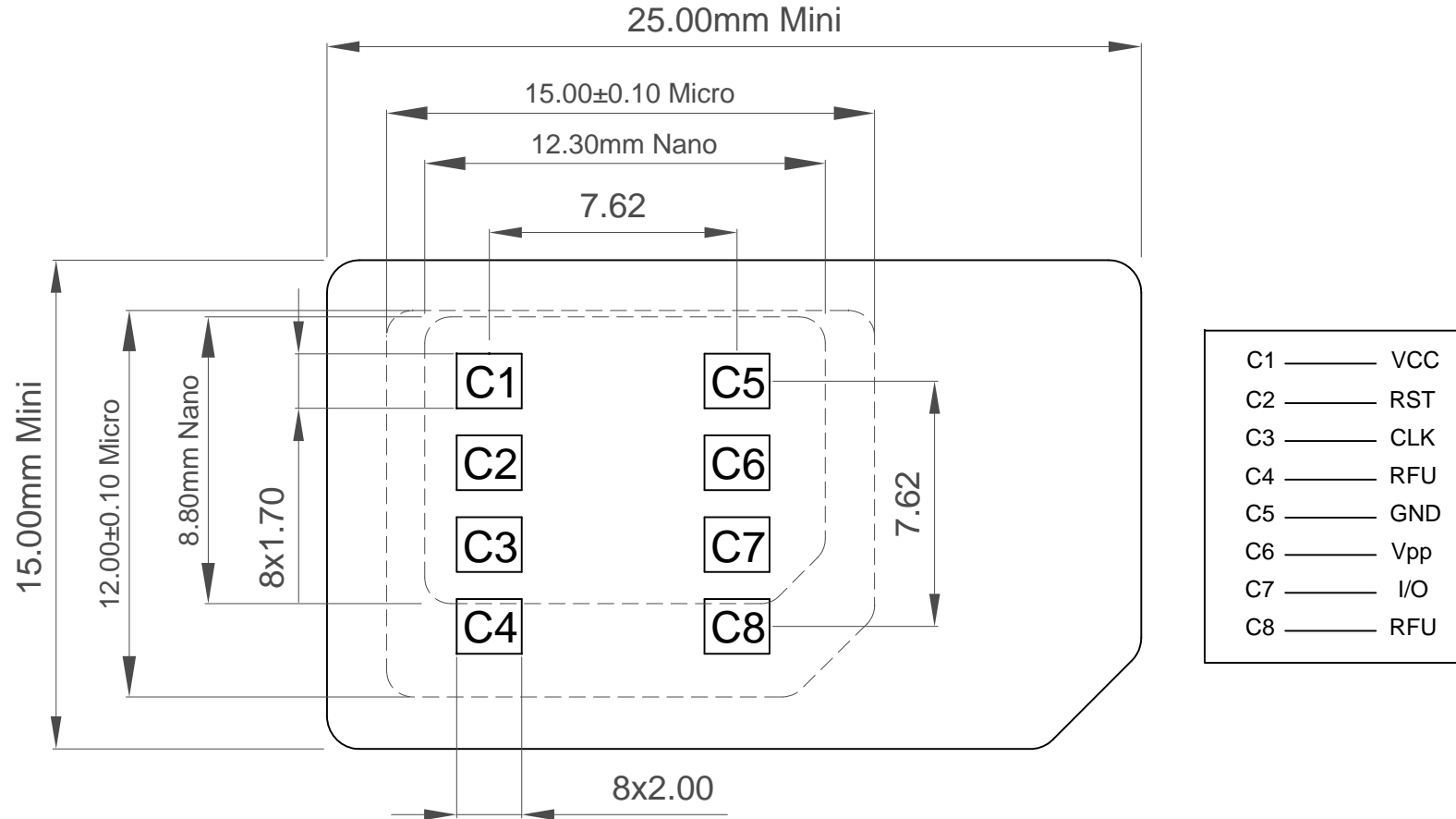
Ordering Grid







| | | | | | | |
|---------------------------------|------------------|--|-------------------------|--|--|--|
| Part Number SIM6050 | | Product Description SIM Card Connector, Retainer Type, Dual SIM, 2x8 Pin, SMT, Profile 3.00mm | | | 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 |
| Drawing Date 15th March 2010 | | | | | | |
| By CC | SIM6050 D PCN | Tolerances (Except as Noted) Length Angle | Units: Metric (mm) | | | Not to Scale Drawn By SA Sheet No. 1/3 |
| Detail | | X.X ± 0.35 X.XX ± 0.25 X.XXX ± 0.15 | X.X° ± 3° X.XX° ± 2° | | | |
| Revision Date | D 03/05/18 | | | | | |

Mini SIM Reference

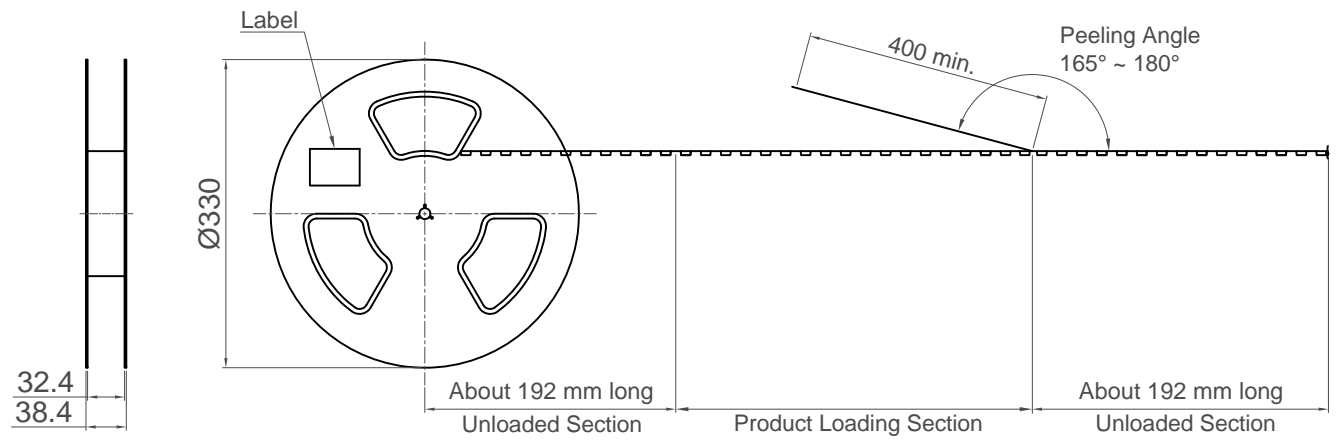
thickness = 0.76 ± 0.08



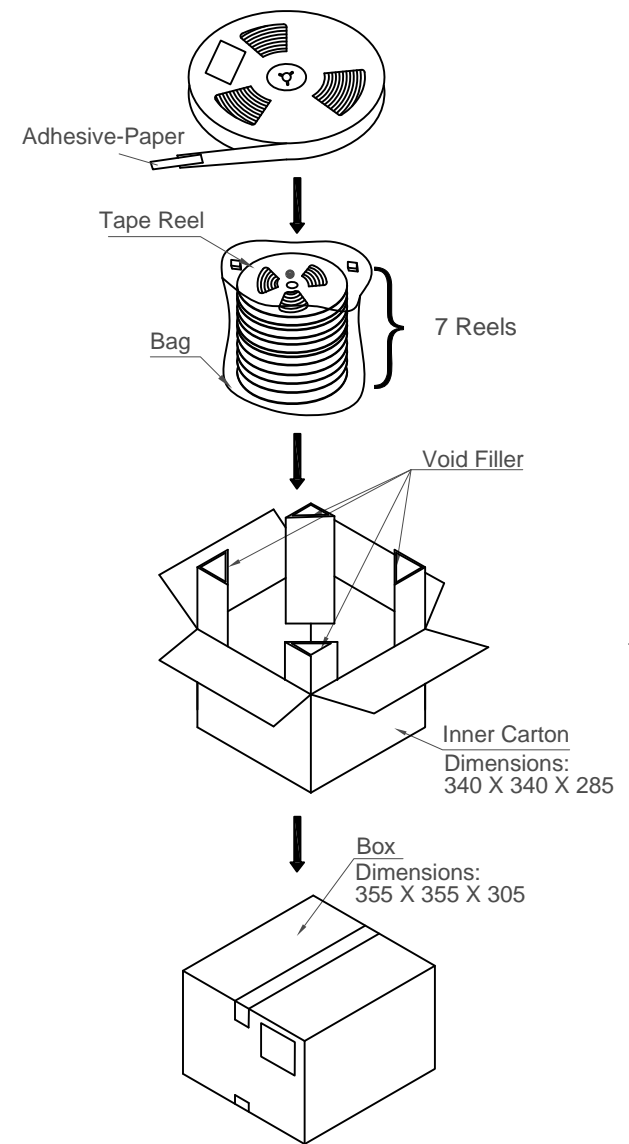
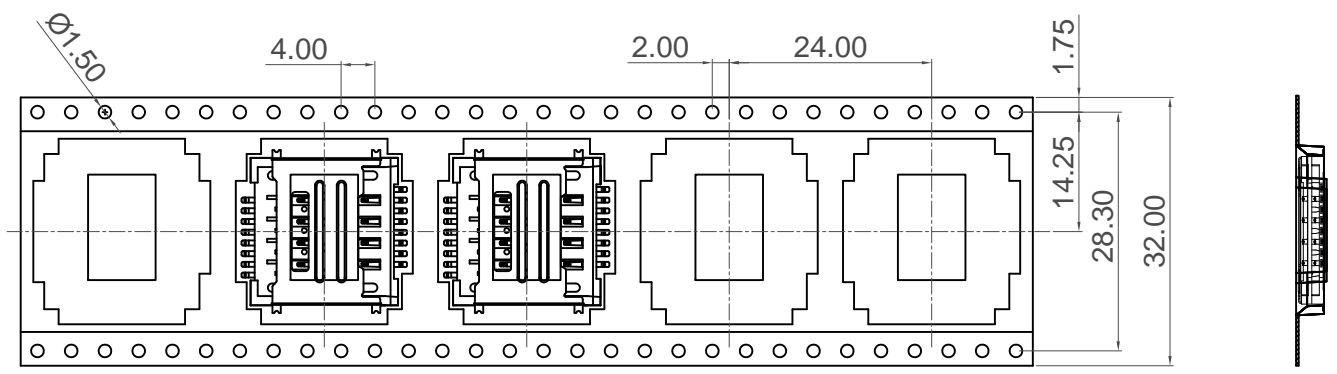
| | |
|----|-----|
| C1 | VCC |
| C2 | RST |
| C3 | CLK |
| C4 | RFU |
| C5 | GND |
| C6 | Vpp |
| C7 | I/O |
| C8 | RFU |

| | | | | |
|--------------|------------------|---|--|--|
| Part Number | | Product Description | |  www.gct.co |
| 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: | 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) | |
| Revision | D | Angle |   | |
| Date | 03/05/18 | |  | |
| Not to Scale | Drawn By SA | | | Sheet No. 2/3 |

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D
C
B
A



USER DIRECTION OF UNREELING



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 | | | 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 |
| Drawing Date 15th March 2010 | | By CC | | | |
| Detail | SIM6050 D PCN | Tolerances (Except as Noted) | Units: Metric (mm) | | Not to Scale |
| Revision | D | Length | Angle | | |
| Date | 03/05/18 | | | | |

