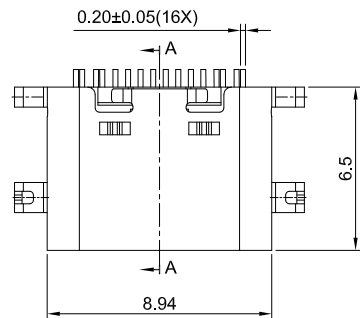
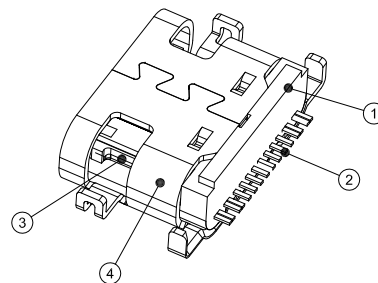
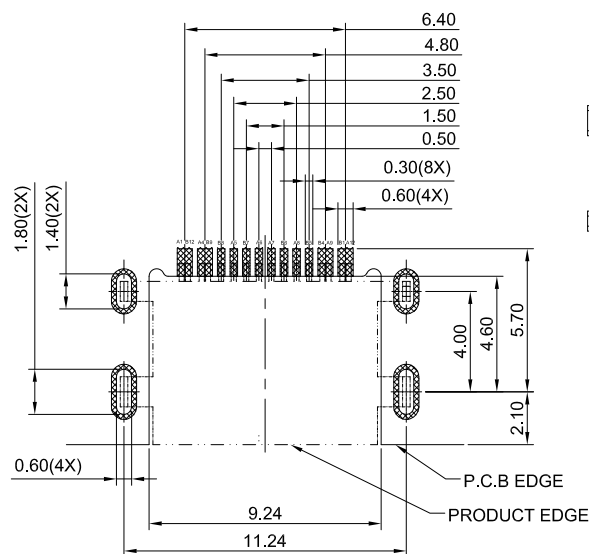


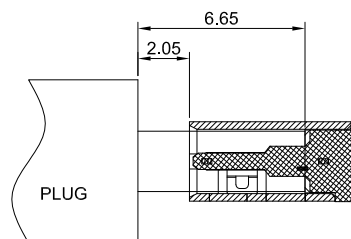
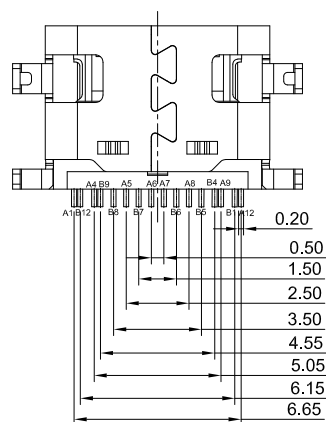
SECTION:A-A



- NOTE:
- 1.PLATING SPECIFICATION:  
1-1.CONTACTS:  
Ni 50u" MIN. UNDER PLATED OVER ALL.  
Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.  
(GOLD PLATING THICKNESS FOLLOW THE P/N)  
PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
  - 1-2.FRONT SHELL:  
Ni 30u" MIN. UNDER PLATED OVER ALL.
  - 1-3.MID PLATE:  
CLEAR ONLY
  - 2.MECHANICAL PERFORMANCE,  
2-1,INSERTION FORCE: 0.5~2.0kgf,  
2-2.REMOVAL FORCE: 0.8kgf~2.0kgf,  
2-3,DURABILITY: 10000 CYCLES.
  - 3.ELECTRICAL PERFORMANCE,  
3-1, CURRENT RATING:5.0A  
VOLTAGE RATING:5.0V  
3-2, LLOR:  
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.  
SHIELD: 50mΩ/MAX.  
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.  
3-3,INSULATION RESISTANCE: 100MΩ MIN  
3-4,DIELECTRIC WITHSTAND VOLTAGE:AC 100V FOR 1 MINUTE.
  4. ENVIRONMENTAL PERFORMANCE:  
OPERATING TEMPERATURE: -45C~+85°C.
  - 5.IR REFLOW:  
THE PEAK TEMPERATURE ON THE BOARD SHALL  
BE MAINTAINED FOR 10 SECONDS AT 260°C.



RECOMMENDED PCB LAYOUT(TOP VIEW)  
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05



AFTER MATING

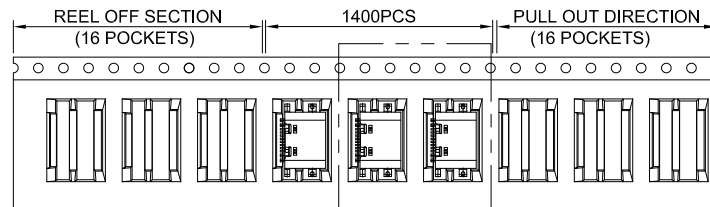


Unless otherwise specified, Tolerance:  
X. ±0.30  
X.x ±0.20  
X.xx ±0.15  
X.xxx ±0.10  
Angles ±3°

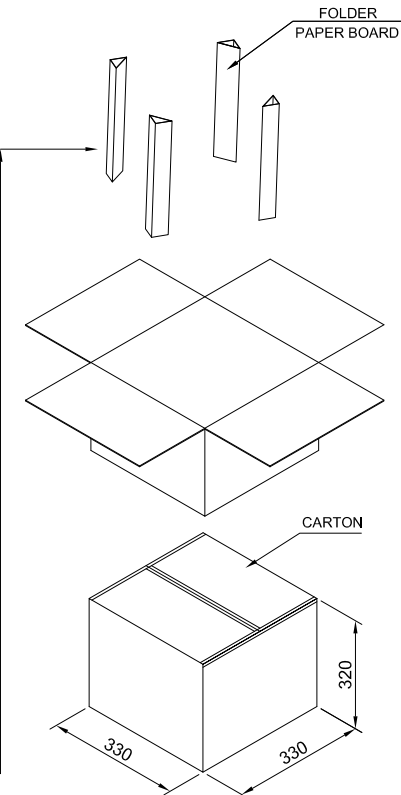
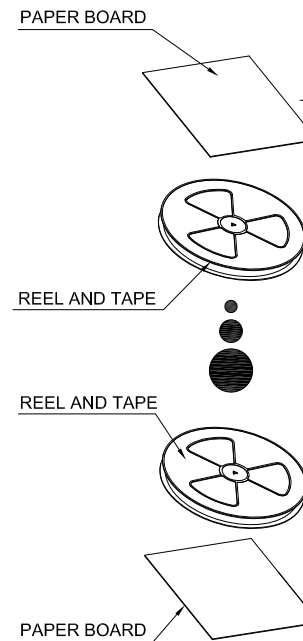
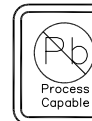
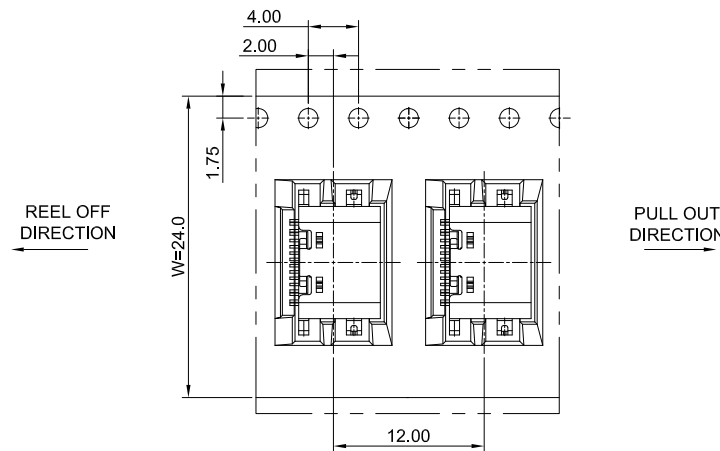
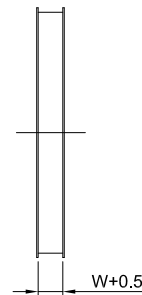
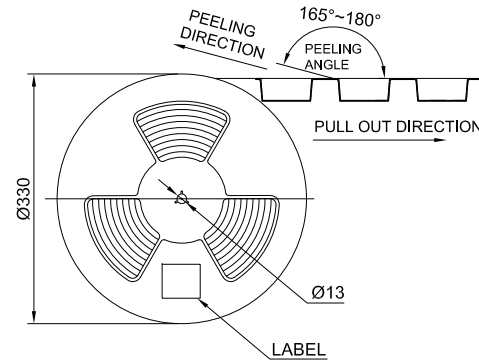
| A1  | A2          | A3                                           | A4   | A5   | A6 | A7 | A8   | A9   | A10  | A11  | A12 |
|-----|-------------|----------------------------------------------|------|------|----|----|------|------|------|------|-----|
| GND | TX1+        | TX1-                                         | VBUS | CC1  | D+ | D- | SBU1 | VBUS | RX2- | RX2+ | GND |
| B12 | B11         | B10                                          | B9   | B8   | B7 | B6 | B5   | B4   | B3   | B2   | B1  |
| GND | RX1+        | RX1-                                         | VBUS | SBU2 | D- | D+ | CC2  | VBUS | TX2- | TX2+ | GND |
| NO  | DESCRIPTION | MATERIAL                                     |      |      |    |    |      |      |      |      |     |
| 1   | HOUSING     | HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0. |      |      |    |    |      |      |      |      |     |
| 2   | CONTACTS    | COPPER ALLOY                                 |      |      |    |    |      |      |      |      |     |
| 3   | MID PLATE   | STAINLESS STEEL                              |      |      |    |    |      |      |      |      |     |
| 4   | FRONT SHELL | STAINLESS STEEL                              |      |      |    |    |      |      |      |      |     |

**G-Switch Electronic (HongKong) CO.,Ltd.**

|                          |                 |              |            |
|--------------------------|-----------------|--------------|------------|
| DESIGN Li Qingqi         | DATE 2022.05.14 | Molde code:  |            |
| CHECKED                  | DATE            | GT-USB-7014G |            |
| APPROVED                 | DATE            |              |            |
| http://www.dg-switch.com |                 | REV.: X1     | SCALE: 4:1 |
| TEL:0769-82388879        |                 | UNIT: mm     |            |
|                          |                 | SIZE: A4     | SHEET: 1/1 |



SEE DETAIL X



Unless otherwise specified, Tolerance:

|        |       |
|--------|-------|
| X.     | ±0.30 |
| X.x    | ±0.20 |
| X.xx   | ±0.15 |
| X.xxx  | ±0.10 |
| Angles | ±3°   |

**G-Switch Electronic (HongKong) CO.,Ltd.**

DESIGN Li Qingqi

DATE 2022.05.14

Molde code:

CHECKED

DATE

GT-USB-7014G

APPROVED

DATE

<http://www.dg-switch.com>

REV.: X1

SCALE: 4:1

UNIT: mm

TEL:0769-82388879

SIZE: A4

SHEET: 1/1

