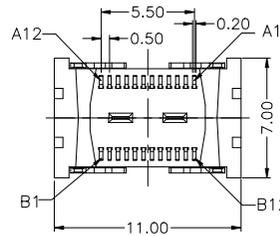
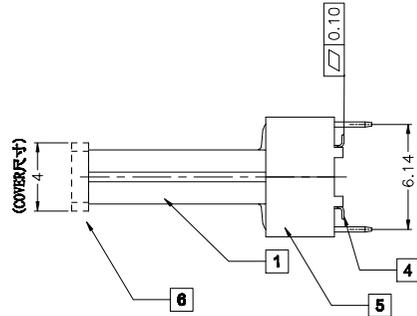
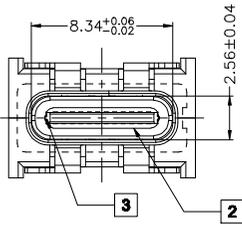
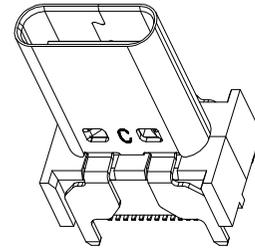
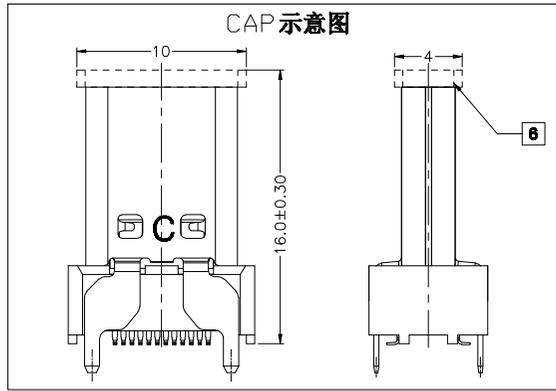
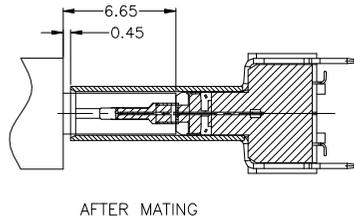
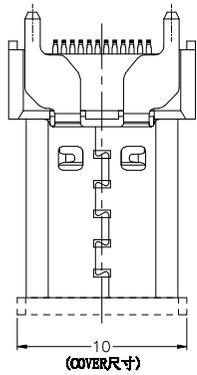
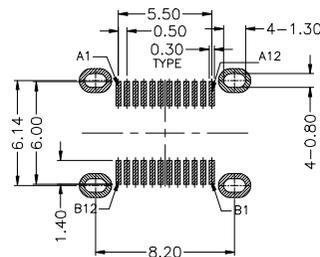
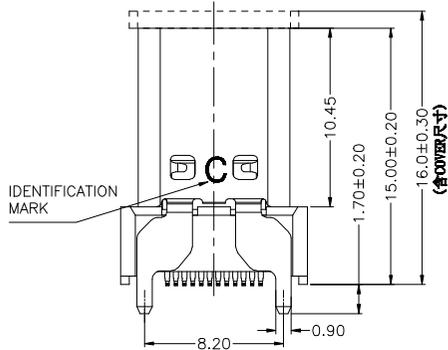


RoHS2.0



NOTE:  
 1.Contact Resistance:40mΩ Max.;  
 2.Dielectric Withstanding Voltage:100V AC For 1 Minute;  
 3.Insulation Resistance:100MΩ Min;  
 4.Current Rating:5.0A  
 Voltage Rating:20V  
 5.Mating And unmating Force:  
 Mating Force: 5~20N  
 Unmating Force: 8~20N;  
 6~20N AFTER TEST;  
 6.Durability:10000 Cycles;  
 7.Salt Spray: 48H(Exclude Contact Solder Tails)  
 8. PART NUMBER CODE:

UCB14-2405S 1 A N L-H16  
 PIN NUMBER: \_\_\_\_\_  
 24PIN \_\_\_\_\_  
 CONTACT: \_\_\_\_\_  
 1: G/F(1U")CONTACT AREA \_\_\_\_\_  
 H:HF  
 PACK:  
 L:TAPE REEL  
 COLOR:  
 A:Black



RECOMMEND P.C.B LAYOUT(COMPONENT SIDE)  
 TOLERANCE FOR PCB LAYOUT IS ± 0.05  
 KEEP OUT AREA

USB TYPE-C PIN ASSIGNMENTS

| PIN NUMBER | SIGNAL NAME | PIN NUMBER | SIGNAL NAME |
|------------|-------------|------------|-------------|
| A1         | GND         | B12        | GND         |
| A2         | SSTXp1      | B11        | SSRXp1      |
| A3         | SSTXn1      | B10        | SSRXn1      |
| A4         | Vbus        | B9         | Vbus        |
| A5         | CC1         | B8         | SBU2        |
| A6         | Dp1         | B7         | Dn2         |
| A7         | Dn1         | B6         | Dp2         |
| A8         | SBU1        | B5         | CC2         |
| A9         | Vbus        | B4         | Vbus        |
| A10        | SSRXn2      | B3         | SSTXn2      |
| A11        | SSRXp2      | B2         | SSTXp2      |
| A12        | GND         | B1         | GND         |

| Item | Title         | Material                 | Dispose  | Q'TY  |
|------|---------------|--------------------------|--|-------|
| 1    | Shell         | Stainless Steel          | Ni:30u" Min.                                   | 1PCS  |
| 2    | GND Plate     | Stainless Steel          |  | 2PCS  |
| 3    | Mid Plate     | Stainless Steel          |  | 1PCS  |
| 4    | Contact       | Copper Alloy             | Mating Area: See P/N<br>Solder Tails: Matt Tin | 24PCS |
| 5    | InsertMolding | High Temperature Plastic | UL 94V-0 Black                                 | 1PCS  |
| 6    | COVER         | High Temperature Plastic | UL 94V-0 Black                                 | 1PCS  |

| REV. | REVISION RECORD | DATE        | GENERAL TOLERANCES |            | SCALE       | NAME  | DATE        | PART NO.   | DWG NO. |     |    |       |     |
|------|-----------------|-------------|--------------------|------------|-------------|-------|-------------|--|---------|-----|----|-------|-----|
| A0   | NEW RELEASE     | 2022. 8. 12 | LINEAR             | ANGLES     | 1:1         | SKY   | 2022. 8. 12 | UCB14-2405S1ANL-H16                              | ENDE05  |     |    |       |     |
|      |                 |             | 0.0±0.30           | X° ±2°     | APPROVED    | -     | -           | TITLE  |         |     |    |       |     |
|      |                 |             | 0.00±0.20          | X.X° ±1°   | DESIGNER    | GSQ   | 2022. 8. 12 | USB 3.1 TYPE C FEMALE VERTICAL H 15.0mm SMT TYPE |         |     |    |       |     |
|      |                 |             | UNIT: MM           | 0.000±0.10 | X.XX° ±0.5° | DRAWN |             |  |         | REV | AO | SHEET | 1/1 |