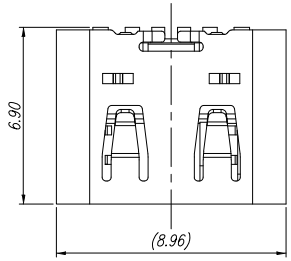
| ZONE | REV | DESCRIPTION | DATE | APPD. |
|---|---|---|---|---|
| 4 | | | | |
| 3 | | | | |
| 2 | | | | |
| 1 | | | | |

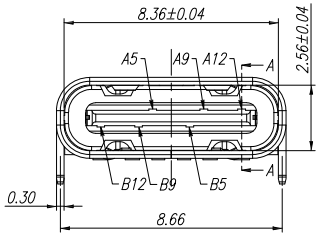
Order information :
18149−9K7A1−S186
1 2 3 4 5

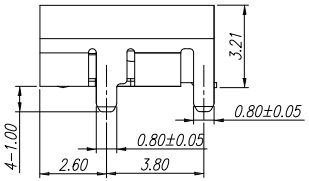
1. Housing material
   9 = Thermoplastic
2. Housing color
   K = Black
3. Shell material & plating
   7=Stainless / Ni
4. Contact plating
   A = Au Plated
5. Packing
   1 = Tape & Reel

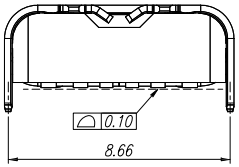
RD&發行
2023.05.22
達立

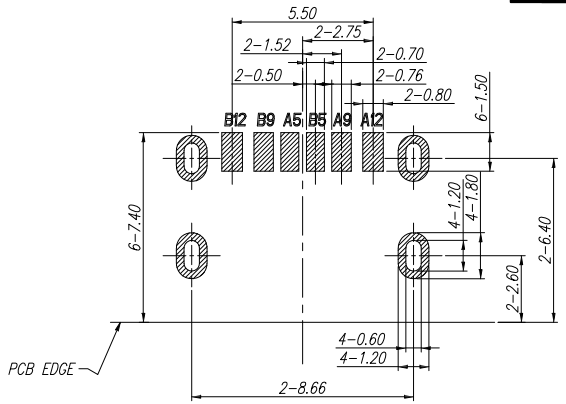
RoHS
Compatible



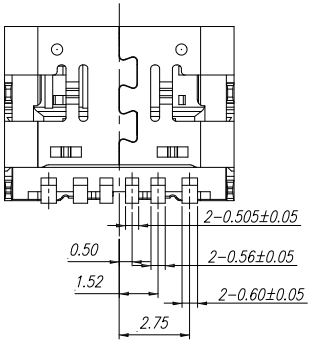



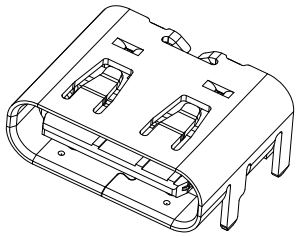




RECOMMENED P.C.B MOUNTING
(TOP VIEW)TOLERANCE: ±0.05



## Specifications

1. Current Rating: 3.0 A
2. Contact resistance: 30mΩ Max.
3. Insulation resistance: 100MΩ Min.
4. Dielectric withstanding voltage: 100V AC/1 minute
5. Insertion force: 5~20N
6. Removal force: 8~20N
7. Durability : 10,000 Cycles
8. Opteration Termperature : −40°C ~ +85°C

PIN ASSIGNMENT

| A1 | A2 | A3 | A4 | A5 | A6 | A7 | A8 | A9 | A10 | A11 | A12 | BLADE | SHELL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GND | TX1+ | TX1− | VBUS | CC1 | D+ | D− | SBU1 | VBUS | RX2− | RX2+ | GND | GND | GND |
| GND | RX1+ | RX1− | VBUS | SBU2 | D− | D+ | CC2 | VBUS | TX2− | TX2+ | GND | | |
| B12 | B11 | B10 | B9 | B8 | B7 | B6 | B5 | B4 | B3 | B2 | B1 | | |

| No. | Part Name | Material | Q"ty | Finishing |
|---|---|---|---|---|
| 3 | Contact | Copper Alloy | 1 | Au & Ni Plated |
| 2 | Housing | Plastic | 1 | Black |
| 1 | Shell | Stainless Steel | 1 | Ni Plated |


達立科技股份有限公司
Dawning Precision Co.,Ltd.
TEL: 886−2−82271388 FAX: 886−2−82272198


| | | | |
|---|---|---|---|
| DESIGN | Jeff | SCALE | |
| DRAWING | Jeff | UNIT | mm |
| CHECK | Jeff | SIZE | A4: 210*297 |
| APPROVAL | Baker | VERSION | 01 |

TOLERANCE UNLESS OTHERWISE STATED(mm)
0 ±0.30
0.0 ±0.25
0.00 ±0.20
ANGIE ±5°

| | |
|---|---|
| PART NAME | USB C TYPE |
| PART NO | 18149−9K7A1−S186 |
| DRAWING NO | |
| DATE | 2023/05/22 |

www.dawning2.com.tw