

| REVISIONS |         |          |                 |            |        |
|-----------|---------|----------|-----------------|------------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE       | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | /          | /      |
| A1        | N/A     |          | 图面升级整理图面        | 2025.08.09 | 阿树     |

| P/N               | R/C      |
|-------------------|----------|
| U261-24XXN-4B0140 | RP(56KΩ) |
| U261-24XXN-4B0177 |          |

A

B

C

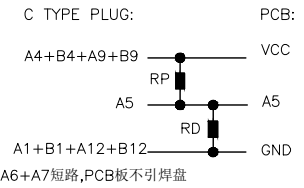
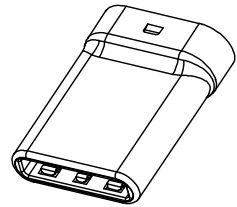
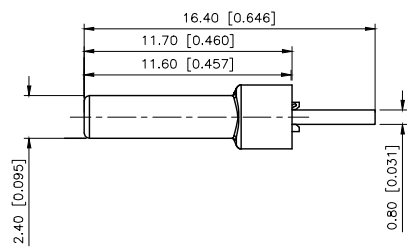
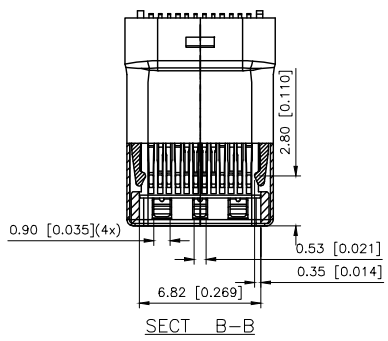
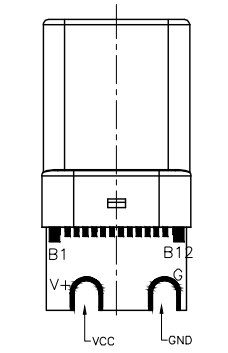
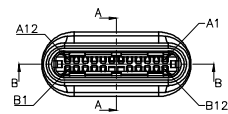
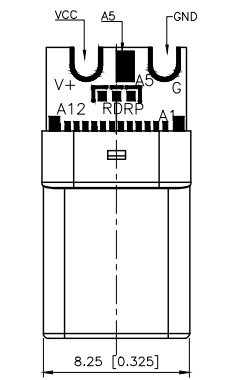
D

A

B

C

D



U261-24XXN-4B0177U

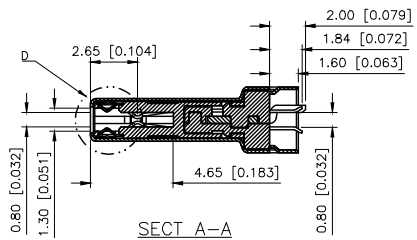
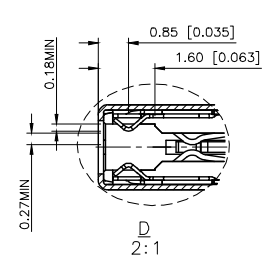
2: Ni

2: Au3u

B: BLACK

4: LCP

- REMARKS:
- CONTACT INSERTION AND WITHDRAW FORCE:
    - Insertion force: 5N-20N max.
    - Withdrawal force: 8N-20N.
    - Durability : 10000Cycles.
  - ELECTRIC PROPERTY:
    - Contact current rating: 3A.
    - Dielectric Strength: 100V AC(RMS).
    - Insulation Resistance: 100 megaohms min.
    - Contact resistance:  
40mOhms MAX.FOR VBUS,GND AND OTHER CONTACT  
50mOhms MAX.AFTER ENVIRONMENT TEST
  - AMBIENT TEMPERATURE:
    - Operating temperature: -55°C to +85°C.



|   |                 |                |                        |
|---|-----------------|----------------|------------------------|
| 6 | Shrapnel        | SUS T=0.10mm   |                        |
| 5 | Shell           | SUS T=0.15mm   | Ovep-plating: Ni       |
| 4 | Terminal        | C7025 T=0.15mm | Ovep-plating: Au Ni/Sn |
| 3 | Latch           | SUS T=0.4mm    |                        |
| 2 | Housing         | LCP            | UL94-0                 |
| 1 | Housing Stopper | LCP            | UL94-0                 |

|     |      |      |      |       |    |    |      |      |      |      |     |
|-----|------|------|------|-------|----|----|------|------|------|------|-----|
| A12 | A11  | A10  | A9   | A8    | A7 | A6 | A5   | A4   | A3   | A2   | A1  |
| GND | RX2+ | RX2- | Vbus | SBU1  | D- | D+ | CC   | Vbus | TX1- | TX1+ | GND |
| GND | TX2+ | TX2- | Vbus | Vconn |    |    | SBU2 | Vbus | RX1- | RX1+ | GND |
| B1  | B2   | B3   | B4   | B5    | B6 | B7 | B8   | B9   | B10  | B11  | B12 |

|                        |       |
|------------------------|-------|
| AuGLAR                 | ±5°   |
| X.                     | ±0.40 |
| X.x                    | ±0.30 |
| X.xx                   | ±0.20 |
| X.xxx                  | ±0.15 |
| UNSPECIFIED TOLERANCES |       |



|          |    |             |                                 |
|----------|----|-------------|---------------------------------|
| DESIGN   | 阿树 | VIEW:       | MODEL TYPE:                     |
| CHECKED  |    | UNIT: mm/in | Type- C 3.1                     |
| APPROVED |    | SIZE: A4    | PART NO.:<br>U261-24XXN-4B0177U |
|          |    |             | DWG NO.:                        |