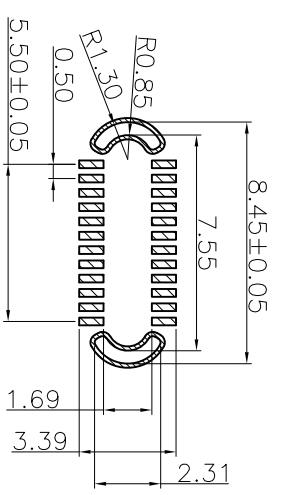
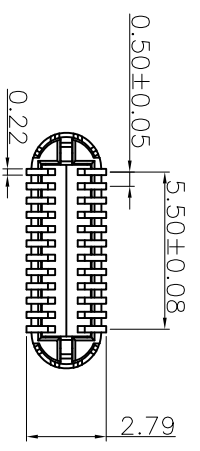
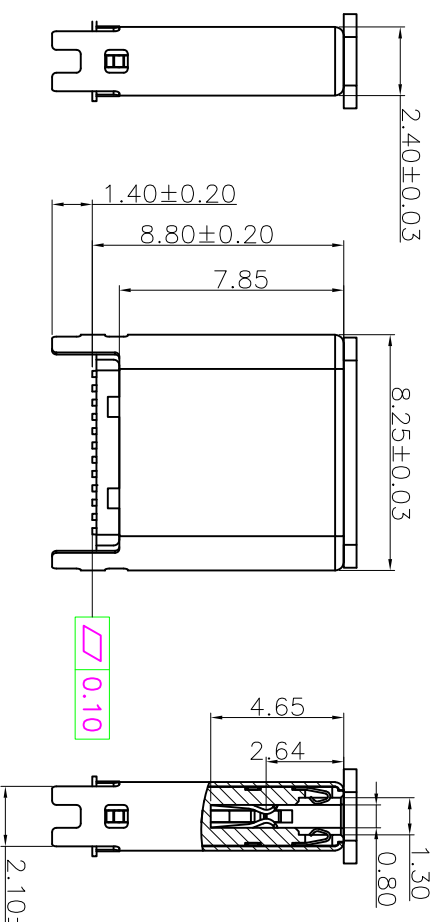
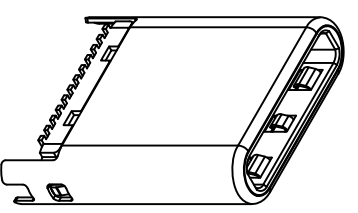
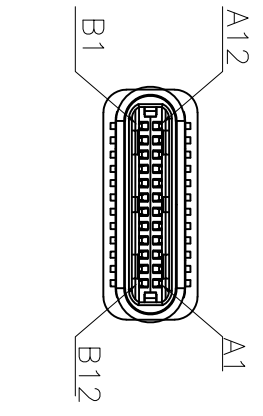


| | | |
|------|----------|-------|
| REV. | ECH. NO. | APPD. |
| A | | |



RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED ±0.05mm

TABLE1:

| | | |
|-----|------------|-----------------------------------|
| 5 | EMC SPRING | Stainless Steel;SUS301, T=0.10mm |
| 4 | CONTACT | Copper Alloy;AuNiSn; |
| 3 | LATCH | Stainless Steel;SUS301, T=0.20mm |
| 2 | HOUSING | LCP Thermoplastic, UL94V-0; |
| 1 | SHELL | Stainless Steel;SUS316L, T=0.15mm |
| NO. | NAME | DESCRIPTION |

| | | | | | | | |
|------------------|-------|------|-------|--------|----|----------------------------|-------------------------|
| X. | ±0.30 | X° | ±5° | UNITS | mm | NAME(INTENDED USE) | |
| X | ±0.20 | X° | ±2° | MATL | | PART NO.(INTENDED USE) | |
| XX | ±0.10 | XX° | ±1° | | | TITLE: | MINTRON CO.,LTD. |
| XXX | ±0.05 | XXX° | ±0.5° | FINISH | | Type C 24p 180度立式SMT H=8.8 | |
| TYPE C CONNECTOR | | | | QTY | | APPD: | SUNNY |
| | | | | | | CHKD: | USA |
| | | | | | | DR: | ZOE |
| | | | | | | | 2022-06-10 |
| | | | | | | DWG NO.: | 00702-UCAM002-X |
| | | | | | | SCALE | 1/1 |
| | | | | | | SHEET | 1/1 |
| | | | | | | REV. | A |

| | | |
|------|-----------|-------|
| REV. | ECON. NO. | APPD. |
| A | | |

NOTES:

- 1.Material:SEE TABLE1;
- 2.Plating specification,
- 2-1.Contact:
Contact area: Ni50u"Min/Au See Table3;
Solder area: Ni50u"Min/Sn100u"Min.
Other area: Ni 50u"Min.
- 2-2.Shell:NI.
- 2-3.Latch:
Solder area: Ni50u"Min/Sn100u"Min.
Other area: Ni 50u"Min.
- 3.Mechanical Performance ,
3-1.Insertion Force:5~20N;
3-2.Extraction Force:6~20N after 10000 cycles;
3-3.Durability:10000 cycles.
- 4.Electrical Performance,
4-1.Insulation Resistance:100Q Min.
4-2.Contact Resistance :50mΩ Max.
- 4-3.Dielectric Strength :100V AC.
- 5.characteristic impedance:100 Ohm±10%;
- 6.Marketed"▲" is the important control dimentions.
- 7.The product accords with HF STD.

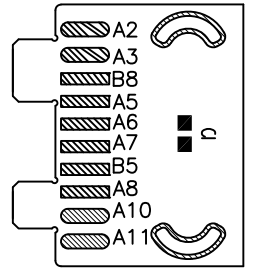
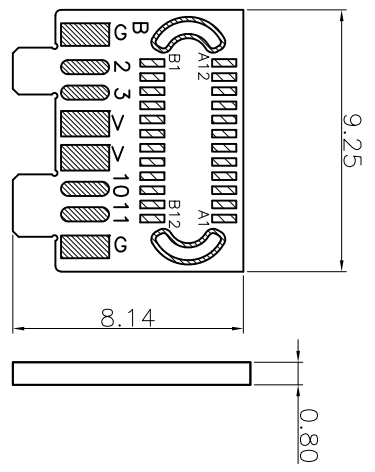
TABLE2:

PINS DESCRIPTION,ONLY USED FOR 3.1 SERIES.

| | | | | | | | | | | | |
|-----|------|------|------|-------|----|----|------|------|------|------|-----|
| 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 |

TABLE3:

| | | |
|-----|---------------|----------------------------------|
| 2 | | |
| 1 | 0019-24-L01-A | PLUG; 外殼鍍銀; 特殊銅Au1u"MIN; LCP 黑色; |
| NO. | PART NO. | DESCRIPTION |



PCB LAYOUT

CONTACT CIRCUIT:

| CONN PIN | PCB PIN | CONN PIN | PCB PIN |
|----------------------|---------|----------|---------|
| A1,A12,B1, B12,SHELL | GND | A10 | A10 |
| A4,A9,B4,B9 | V | A11 | A11 |
| A2 | A2 | B2 | B2 |
| A3 | A3 | B3 | B3 |
| A5 | A5 | B5 | B5 |
| A6 | D+ | B8 | B8 |
| A7 | D- | B10 | B10 |
| A8 | A8 | B11 | B11 |

| | | | | |
|------------------|-------------|----------|------------------------|-----------------------------------|
| X. ±0.30 | X°. ±5° | UNITS mm | NAME(INTENDED USE) | MINTRON CO.,LTD. |
| .X ±0.20 | X° ±2° | MAT'L | PART NO.(INTENDED USE) | |
| .XX ±0.10 | .XX° ±1° | FINISH | APPD: SUNNY | TITLE: Type C 24p 180度立式SMT H=8.8 |
| .XXX ±0.05 | .XXX° ±0.5° | Q'TY | CHKD: LISA | DWG NO.: 00702-UCAM002-X |
| TYPE C CONNECTOR | | | DR: ZOE | SCALE 1/1 |
| | | | 2022-06-10 | SHEET 1/1 |
| | | | | REV. A |

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