

SPECIFICATION:

1.ELECTRICAL CHARACTERISTICS:

- 1.1 CURRENT RATING: 1.5A/Pin MAX(A4,A9,B4,B9)
1.25A/Pin MAX(A1,A12,B1,B12),0.25A(OTHER PIN)
- 1.2 CONTACT RESISTANCE: 40 MILLIONHM MAX.
- 1.3 DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC r.m.s
- 1.4 INSULATION RESISTANCE: 100 MEGOHMS MIN.

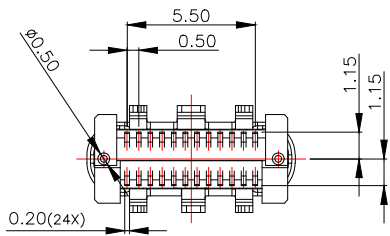
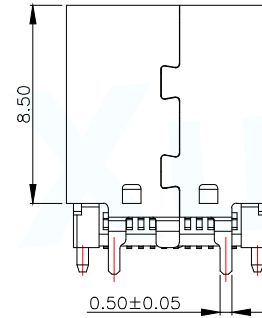
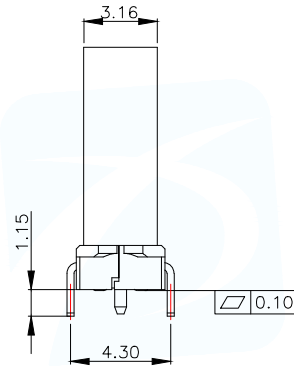
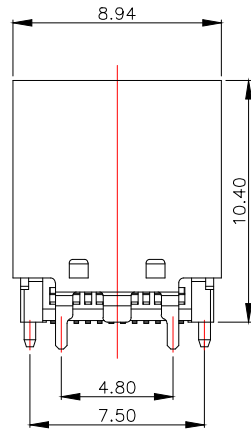
2.MECHANICAL CHARACTERISTICS

- 2.1 INSERTION FORCE: 5~20N
- 2.2 EXTRACTION FORCE: Initial:8~20N;Durability:6~20N(1000cycles);
- 2.3 DURABILITY:10,000CYCLES

3.ENVIRONMENTAL CHARACTERISTICS

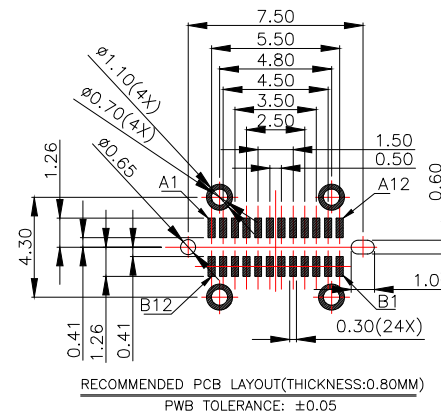
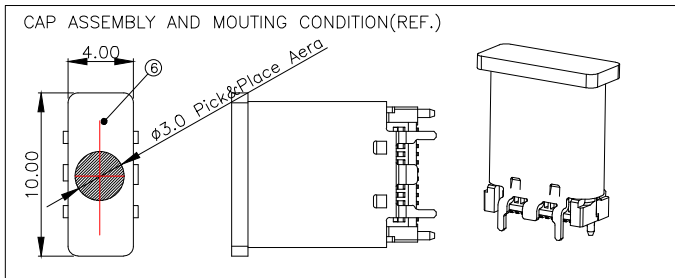
- 3.1 TEMPERATURE RANGE: -40 °C ~ 85 °C
- 3.2. IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.



PIN ASSIGNMENTS:

| | | | | | | | | | | | |
|-----|------|------|------|------|----|----|------|------|------|------|-----|
| A1 | A2 | A3 | A4 | A5 | A6 | A7 | AB | 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 |



RECOMMENDED PCB LAYOUT(THICKNESS:0.80MM)
PWB TOLERANCE: ±0.05

| | | | | |
|-----|-------------|-------|-----------------|-------------------------------------|
| 6 | CAP | 1 PCS | LCP | COLOR: BLACK |
| 5 | MID PLATE | 1 PCS | STAINLESS STEEL | NO SURFACE TREATMENT |
| 4 | CONTACT B | 1 SET | COPPER ALLOY | |
| 3 | CONTACT A | 1 SET | COPPER ALLOY | |
| 2 | HOUSING | 3 PCS | LCP | COLOR: BLACK |
| 1 | SHELL | 1 PCS | STAINLESS STEEL | Ni 30u" MIN. UNDER PLATED OVER ALL. |
| NO. | DESCRIPTION | QTY. | MATERIAL | FINISH |

MANUFACTURE DWG



UNLESS OTHERWISE SPECIFIED TOLERANCES



TITLE: Type.C 24PIN H10.4 Vertical CONN. RECPTACLE

PAR TYPEC-501S-ACP24H104

DECIMALS: ANGLES:

X.X:±0.30 X':±2'

X.XX:±0.20 .X':±1'

X.XXX:±0.10

CUSTOMER COPY

SCALE:1:1 UNIT:MM

SIZE:A4 SHEET:1F1 REV:A