



RECOMMANNDED PCB LAYOUT
(TOLERANCE ± 0.05)

| Pin NUMBER | SIGNAL NAME |
|------------|-------------|
| 1 | VBUS |
| 2 | D- |
| 3 | D+ |
| 4 | GND |
| 5 | StdA_SSRX- |
| 6 | StdA_SSRX+ |
| 7 | GND_DRAIN |
| 8 | StdA_SSTX- |
| 9 | StdA_SSTX+ |
| Shield | Shield |

NOTE:

- MATERIAL:
 - INSULATOR: LCP UL 94V-0
 - CONTACT: BRONZE (T=0.20mm)
 - SHELL: BRASS (T=0.30mm)
- ELECTRICAL CHARACTERISTICS:
 - CONTACT RESISTANCE: 30mΩ MAXIMUM
 - CONTACT CURRENT RATING: 1.5A
 - DIELECTRIC WITHSTANDING VOLTAGE: 500 V R.M.S.
 - INSULATION RESISTANCE 1000 MEGOHMS MIN
 - OPERATING TEMPERATURE: -40 ° C ~ 85 ° C
- MECHANICAL CHARACTERISTICS:
 - MATING FORCE: 3.57kg MAX
 - UNMATED FORCE: 1.02kg MIN
 - DURABILITY: MANDATORY: 5,000 CYCLES
- PLATING
 - TERMINAL:
 - 50u" MIN NICKEL ALL OVER
 - 100u" MIN TIN ON SOLDER AREA
 - (1~30)u" Au ON CONTACT AREA
 - SHELL: 100u" MIN. NICKEL ALL OVER
 - " " " FOR MAJOR DIM

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TRONTEK TECHNOLOGY CO., LTD.

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|---|--|-------------------|--|-----------------|--|---------------------------------|--|
| TOLERANCE: XX ±0.30 XXX ±0.25 X:XXX ±0.15 X: ±2 X: ±0.5 | | DRAWN BY: DAVID | | DATE: 2016-5-14 | | PART NAME: USB 3.0 A/F沉板無捲邊 魚叉腳 | |
| UNIT: mm [Inch] | | CHECKED BY: SANDY | | DATE: 2016-5-14 | | PART NO. TUB20-USBA09-304 | |
| SCALE: 1:1 SIZE: A4 | | APPROVED BY: TONY | | DATE: 2016-5-14 | | DRAW NO. SHEET NO. 10P1 | |