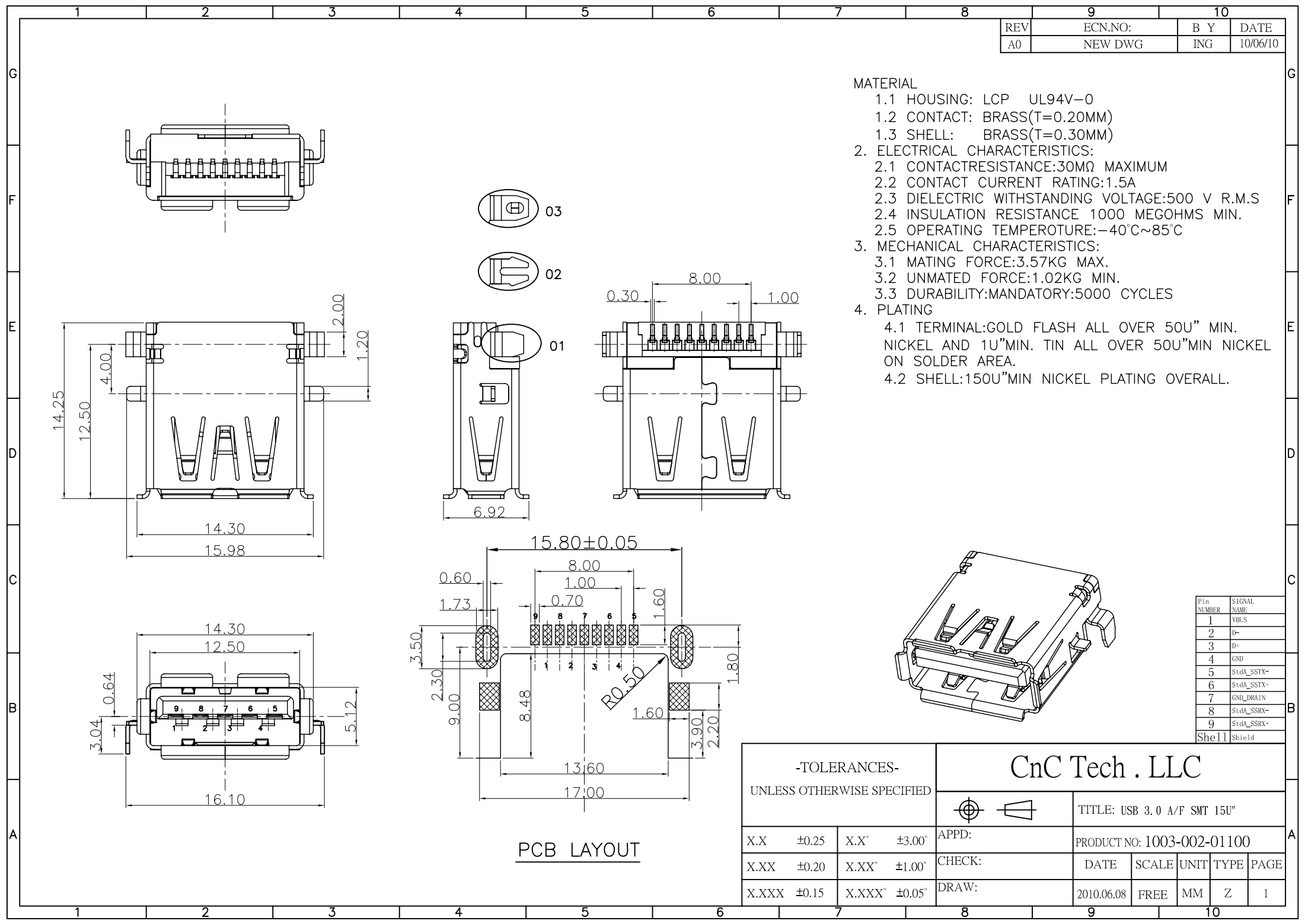




|     |         |     |          |
|-----|---------|-----|----------|
| REV | ECN.NO: | B Y | DATE     |
| A0  | NEW DWG | ING | 10/06/10 |

- MATERIAL
- 1.1 HOUSING: LCP UL94V-0
  - 1.2 CONTACT: BRASS(T=0.20MM)
  - 1.3 SHELL: BRASS(T=0.30MM)
2. ELECTRICAL CHARACTERISTICS:
- 2.1 CONTACT RESISTANCE: 30MΩ MAXIMUM
  - 2.2 CONTACT CURRENT RATING: 1.5A
  - 2.3 DIELECTRIC WITHSTANDING VOLTAGE: 500 V R.M.S
  - 2.4 INSULATION RESISTANCE 1000 MEGOHMS MIN.
  - 2.5 OPERATING TEMPERATURE: -40°C~85°C
3. MECHANICAL CHARACTERISTICS:
- 3.1 MATING FORCE: 3.57KG MAX.
  - 3.2 UNMATED FORCE: 1.02KG MIN.
  - 3.3 DURABILITY: MANDATORY: 5000 CYCLES
4. PLATING
- 4.1 TERMINAL: GOLD FLASH ALL OVER 50U" MIN. NICKEL AND 1U" MIN. TIN ALL OVER 50U" MIN NICKEL ON SOLDER AREA.
  - 4.2 SHELL: 150U" MIN NICKEL PLATING OVERALL.

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

| -TOLERANCES-<br>UNLESS OTHERWISE SPECIFIED |       | CnC Tech . LLC |        |        |                             |       |      |      |      |
|--------------------------------------------|-------|----------------|--------|--------|-----------------------------|-------|------|------|------|
| X.X                                        | ±0.25 | X.X°           | ±3.00° | APPD:  | TITLE: USB 3.0 A/F SMT 15U" |       |      |      |      |
| X.XX                                       | ±0.20 | X.XX°          | ±1.00° | CHECK: | DATE                        | SCALE | UNIT | TYPE | PAGE |
| X.XXX                                      | ±0.15 | X.XXX°         | ±0.05° | DRAW:  | 2010.06.08                  | FREE  | MM   | Z    | 1    |