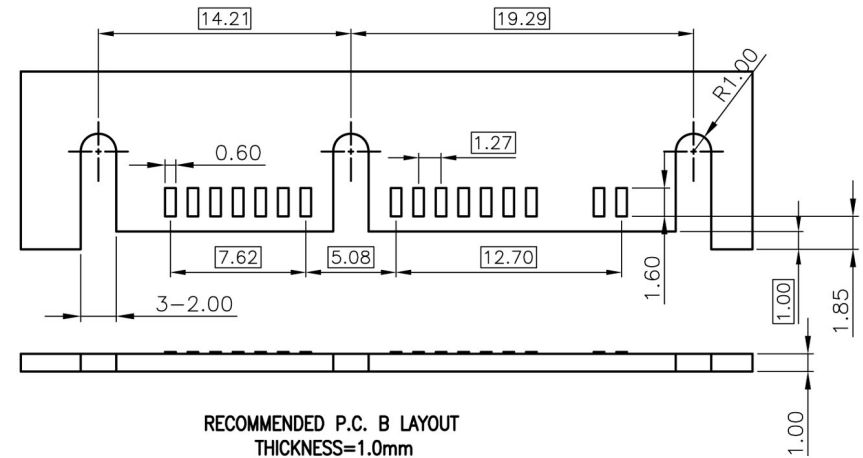
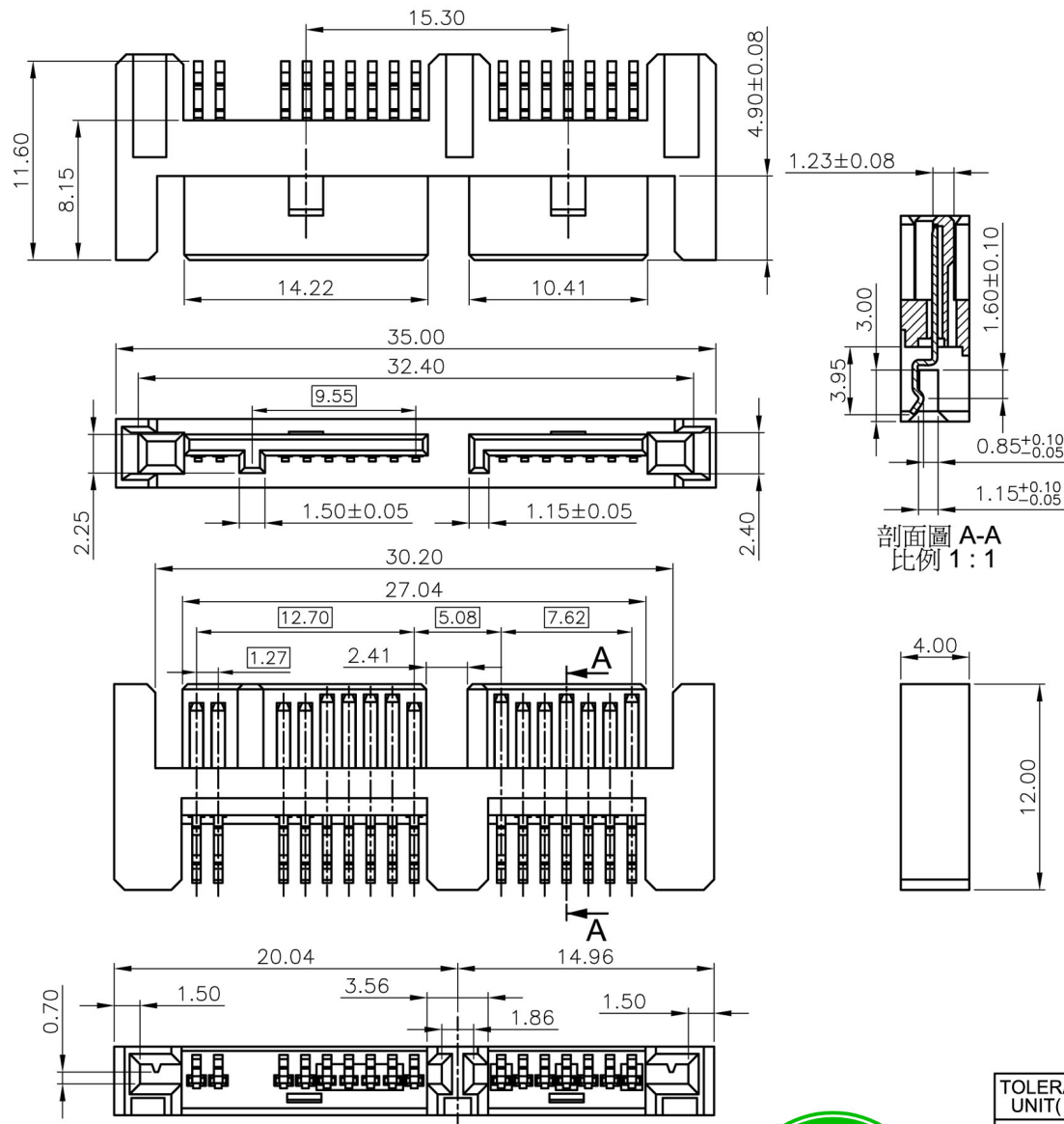


# CUSTOMER DRAWING

| REVISIONS |         |             |            |          |
|-----------|---------|-------------|------------|----------|
| SYM       | ECN No. | DESCRIPTION | DATE       | APPROVED |
| AX1       |         |             | 03/25/2008 | Jenny    |



RECOMMENDED P.C. B LAYOUT  
THICKNESS=1.0mm

PART NUMBER SYSTEM: T5048H10 X 5501 XX

Contact Plating

1 = G/F  
2 = 15u  
3 = 30u

VARIATION CODE

NOTE:

- MATERIAL:  
HOUSING: HIGH TEMPERATURE THERMOPLASTIC,  
UL94V-0, COLOR : SEE TABLE  
TERMINAL: COPPER ALLOY, THICKNESS = 0.30 mm
- PLATING:  
CONTACT: GOLD OVER 50u" MIN NICKEL UNDERPLATE  
SOLDER TAIL: 75u" MIN TIN 50u" MIN NICKEL UNDERPLATE  
GOLD SPECIFICATION: SEE TABLE,
- ELECTRONICAL SPECIFICATION:  
CURRENT RATING: 1.5 AMPERE PER CONTACT  
CONTACT RESISTANCE: 30 MILLIOHMS MAX.  
INSULATION RESISTANCE: 1000 MEGOHMS MIN.  
DIELECTRIC WITHSTANDING VOLTAGE: 500 VDC.  
OPERATING TEMPERATURE: -40C°~+85C°
- THE PRODUCT SHOULD BE GP COMPLIANCE.



| TOLERANCE<br>UNIT( mm)     |        | APPROVALS |            | DATE       |  | TC&C Electronic Co.,Ltd                      |                 |                     |      |
|----------------------------|--------|-----------|------------|------------|--|----------------------------------------------|-----------------|---------------------|------|
| X.                         | ±0.50  | DRAWN     | ChenTianyu | 03/25/2008 |  | TITLE<br>SATA 16P SOCKET STRADDLE MOUNT TYPE |                 |                     |      |
| X.X                        | ±0.38  | CHECKED   | Johnson    | 03/25/2008 |  |                                              |                 |                     |      |
| X.XX                       | ±0.250 | APPROVED  | Johnson    | 03/25/2008 |  | SCALE N.A.                                   | PART NO.        | DRAWING NO.         | REV. |
| X.XXX                      | ±0.10  |           |            |            |  | SHEET 1 OF 1                                 | T5048H10X5501XX | T5048H10X5501XX-AX1 | AX1  |
| ANGULAR                    | ±3°    |           |            |            |  | CUSTOMER CODE                                |                 | CUSTOMER PART NO.   |      |
| UNLESS OTHERWISE SPECIFIED |        | UNIT      |            | MM         |  |                                              |                 |                     |      |