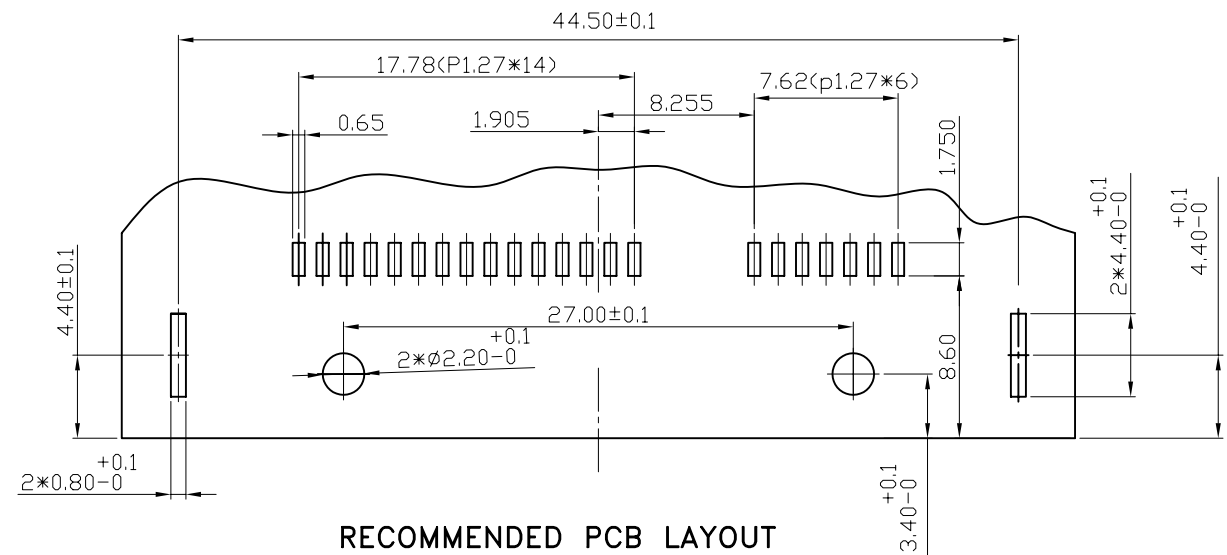
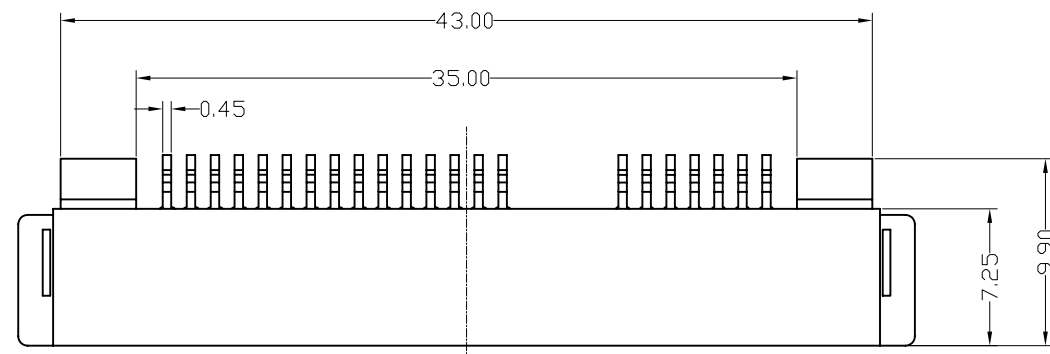


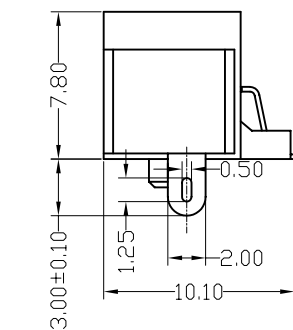
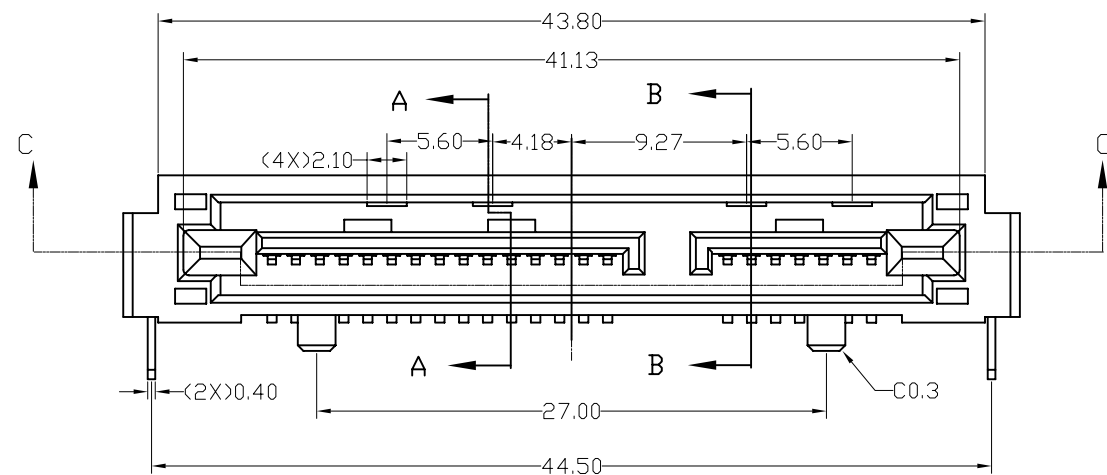
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Customer Drawing

| REVISIONS | | | | |
|-----------|--------|--|---------|------------|
| SYM | ECN | DESCRIPTION | DATE | APPROVED |
| B | HK3854 | RELEASE TO PRODUCTION | 5/18/06 | Michael.IP |
| C | HK4281 | CHANGE THE TOLERANCE TO MEET SATA SPEC | 1/29/07 | Michael.IP |



RECOMMENDED PCB LAYOUT
(PC BOARD THICKNESS: 1.60mm±0.10)

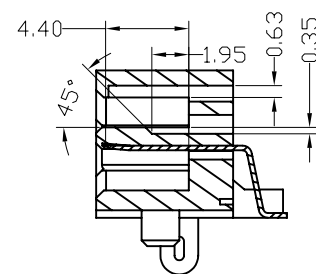
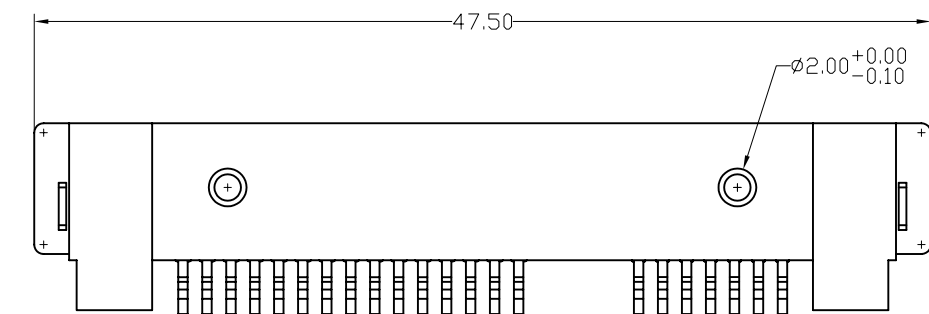


NOTE:

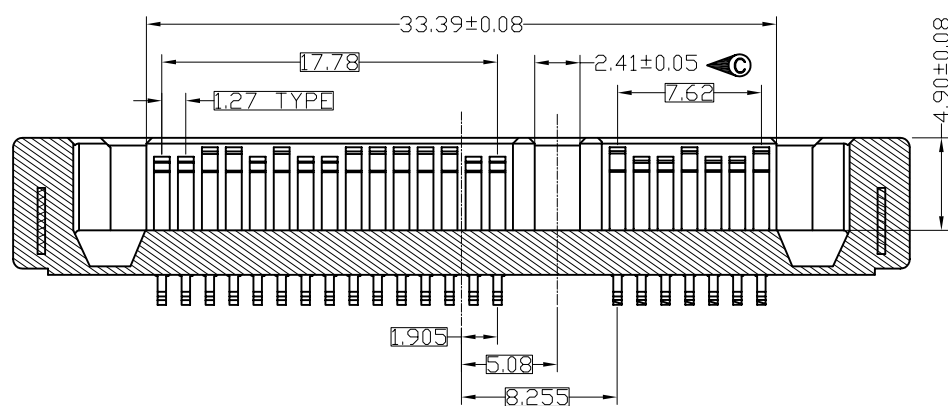
- MATERIAL:**
 HOUSING: HIGH TEMPERATURE THERMOPLASTIC MATERIAL , UL 94 V-0, BLACK;
 CONTACTS: COPPER ALLOY T=0.25mm;
 CONTACT FINISHED: 1.30-2.54um. NICKEL UNDER PLATED ON ENTIRE CONTACT;
 SEE NOTES 4 FOR GOLD PLATING ON MATING AREA;
 2.54-5.08um MATTE TIN PLATED ON TAIL AREA;
 SOLDER TAB: BRASS, t=0.4±0.05mm;
 SOLDER TAB FINISHED: 2.54-5.08um PURE MATTE TIN OVER 1.30um MIN. NICKEL;
- SPECIFICATIONS:**
 RATED CURRENT: SIGNAL PIN 1.5A MIN
 POWER PIN 1.5A MIN
 DIELECTRIC STRENGTH: 500V FOR 1 MINUTE
 INSULATION RESISTANCE: 1x10³ MΩ
 TEMPERATURE: -40°C TO +105°C
 CONTACT RESISTANCE: 30mΩ MAX
- PACKAGE:** PACKING WITH TRAY.
- ORDERING INFORMATION:**

SATA - 001 - 0225 - X

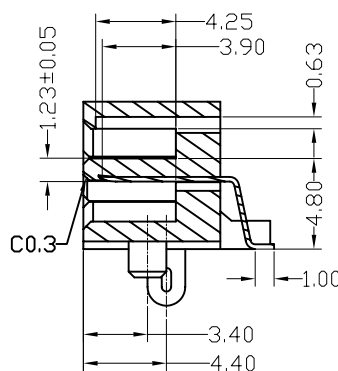
- GOLD PLATING ON MATING AREA:
 1: 0.76 um MIN.
 2: 0.38 um MIN.
 3: GOLD FLASH



SECTION A-A



SECTION C-C



SECTION B-B

| | | | | | |
|---------------------------------------|---------|------------------------------------|---------|---|--|
| UNLESS OTHERWISE SPECIFIED TOLERANCES | | APPROVAL | DATE | Amphenol | |
| .X | +/- | DRAWN: Maya.Lu | 1/29/07 | | |
| .XX | +/- | CHECKED: Micheal.IP | 1/29/07 | TITLE 15+7PIN SATA PLUG,SMT TYPE | |
| .XXX | +/- | CHECKED | | | |
| FRACTIONS | +/- | DRAWING FILE : | | SIZE DRAWING NO. REV. A3 C SATA-001-0225-X C | |
| ANGLES | +/- | \DRAWING\SATA\C SATA0010225X-C.DWG | | | |
| FOR MATERIALS AND FINISHES SEE NOTES | | ANGLE OF PROJECTION | | SCALE NONE SHEET 1 OF 1 | |
| REMOVE SHARP EDGES | | | | | |
| DIMENSIONS | | | | | |
| — U.S. — | INCHES— | | | | |
| (METRIC) | (MM) | | | | |