

**Specifications:****Material And Finish:**

Insulator:High Temp. Plastic(LCP UL94V-0)

Insulator Color:Black

Contac:Brass

Plated:Gold Plating on Contact and Tin Plating  
on Solder tail,over nickel Plating**Rating:**

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

Operating Temperature Range:-40°~+105°C

**Electrical:**

Contact resistance:30m Ohm Max

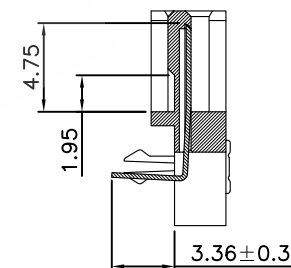
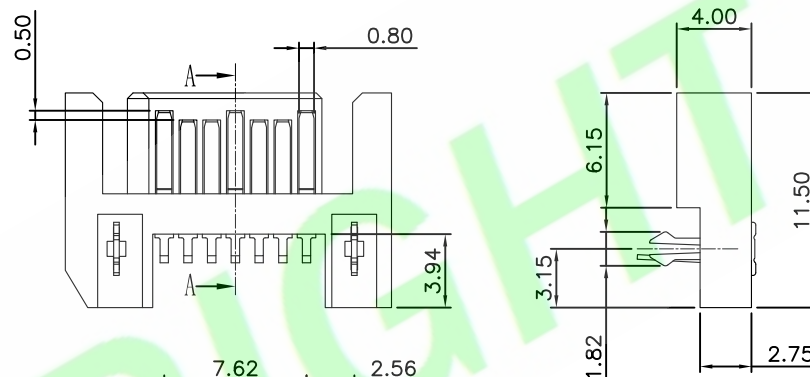
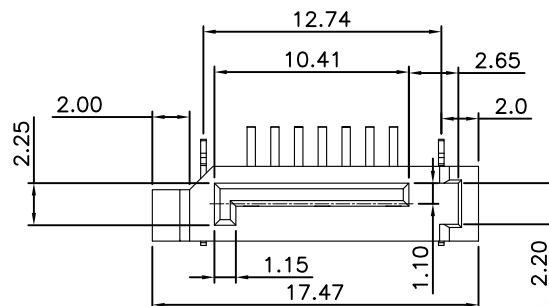
Insulator resistance:1000M ohm min.

Withstanding Voltage:750V AC/Minute

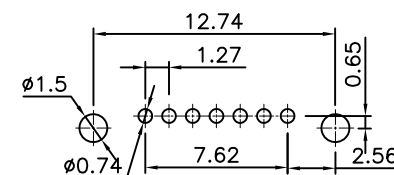
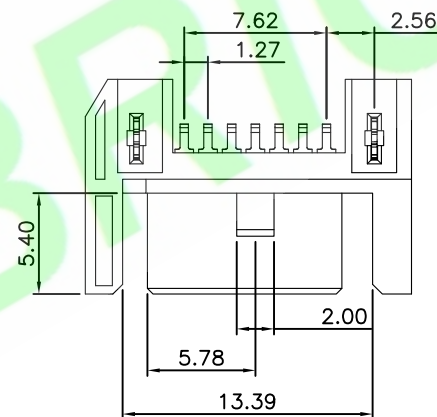
**Ordering Information****ATAAPR-07X-02-X**

1 2 3 4 5

- 1:— Series No.  
 2:— R/R/A Type  
 3:— No. of Positions  
 4:— H:Selective Gold Plated  
     K:Selective Gold 5U"  
     L:Selective Gold 10U"  
     M:Selective Gold 15U"  
     P:Selective Gold 30U"  
 5:— B:In Tube  
     C:In Tray



Section A-A



Recommended PCB Layout

|      |             |        |          |                |                    |               |                                             |                                                                       |                        |  |    |
|------|-------------|--------|----------|----------------|--------------------|---------------|---------------------------------------------|-----------------------------------------------------------------------|------------------------|--|----|
| 5X   |             |        |          | DR.BY.: Samson | GENERAL TOLERANCE: |               | PART NO : ATAAPR-07X-02-X                   | <b>HJBRIGHT</b> 東莞市華晶電子有限公司<br>BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED |                        |  | A4 |
| 4X   |             |        |          | CHKD.: Tony    | LINEAR             | ANGLES        | DWG. NO.: RD0805-019                        |                                                                       |                        |  |    |
| 3X   |             |        |          | APPD.: Billy   | X.: ±0.30          | X': ±5.0°     | TITLE : Serial ATA 7P Male Reverse R/A Type | SHEET: 1/1                                                            | THIRD ANGLE PROJECTION |  |    |
| 2X   |             |        |          |                | X.X: ±0.20         | X.X': ±3.0°   | DATE: 09-May-2008                           | SCALE: 1:1                                                            |                        |  |    |
| 1X   | ORIGINAL    | Samson |          |                | X.XX: ±0.15        | X.XX': ±2.0°  |                                             | UNIT: mm                                                              |                        |  |    |
| REV. | DESCRIPTION | DR.BY  | ECN. NO. |                | X.XXX: ±0.10       | X.XXX': ±1.0° |                                             |                                                                       |                        |  |    |