

**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

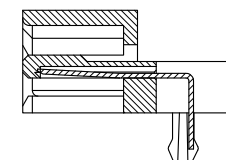
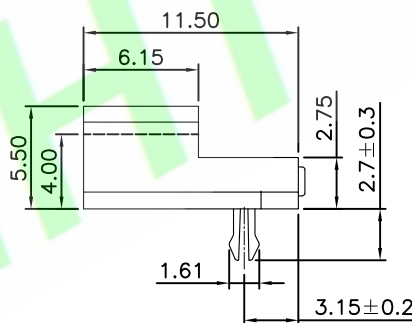
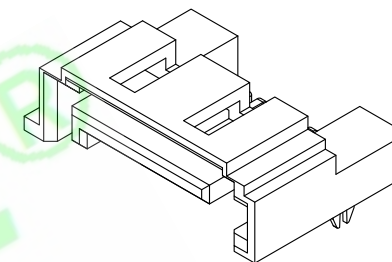
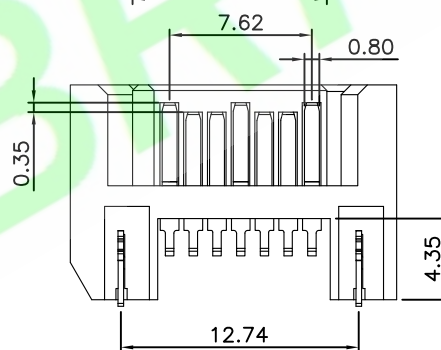
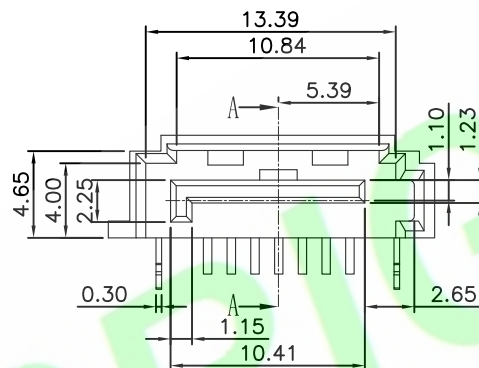
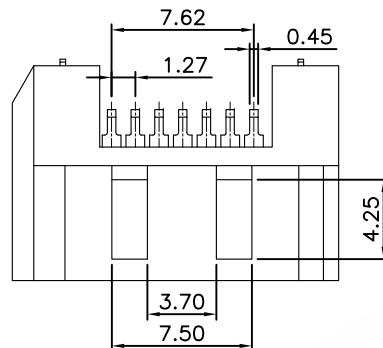
Insulator resistance:1000M ohm min.

Withstanding Voltage:750V AC/Minute

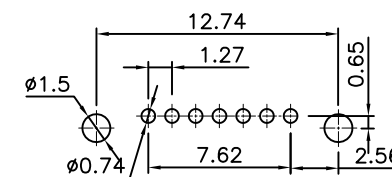
**Ordering Information****ATABPR-07X-01-X**

1 2 3 4 5

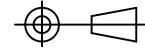
- 1:—Series No.  
2:—R/R/A Type  
3:—No. of Positions  
4:—H:Selective Gold Plated  
K:Selective Gold 5U"  
L:Selective Gold 10U"  
M:Selective Gold 15U"  
P:Selective Gold 30U"  
5:—B:In Tube  
C:In Tray



Section A-A



Recommended PCB Layout

|      |             |        |          |                   |                    |               |                             |                                                                       |                                                                                                                 |
|------|-------------|--------|----------|-------------------|--------------------|---------------|-----------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| 5X   |             |        |          | DR.BY.:<br>Samson | GENERAL TOLERANCE: |               | PART NO : ATABPR-07X-01-X   | <b>HJBRIGHT</b> 東莞市華晶電子有限公司<br>BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED |                                                                                                                 |
| 4X   |             |        |          |                   | LINEAR             | ANGLES        | DWG. NO.: RD0805-020        |                                                                       |                                                                                                                 |
| 3X   |             |        |          | CHKD.:<br>Tony    | X.: ±0.30          | X': ±5.0°     | TITLE :                     | SHEET: 1/1                                                            | <br>THIRD ANGLE PROJECTION |
| 2X   |             |        |          |                   | X.X: ±0.20         | X.X': ±3.0°   | Serial ATA 7P Male R/A Type | SCALE: 1:1                                                            |                                                                                                                 |
| 1X   | ORIGINAL    | Samson |          | APPD.:<br>Billy   | X.XX: ±0.15        | X.XX': ±2.0°  | DATE: 09-May-2008           | UNIT: mm                                                              |                                                                                                                 |
| REV. | DESCRIPTION | DR.BY  | ECN. NO. |                   | X.XXX: ±0.10       | X.XXX': ±1.0° |                             |                                                                       | A4                                                                                                              |