

MODEL NO. :

PJR-D3145S-ABK7AS02L-RH

(1) (2) (3) (4) (5) (6)

(1) Series no.

(2) Schematic type: A

(3) Housing color:

BK7=Black

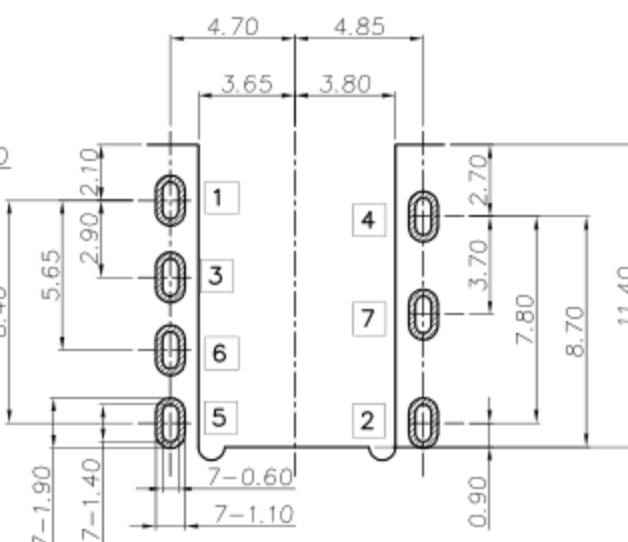
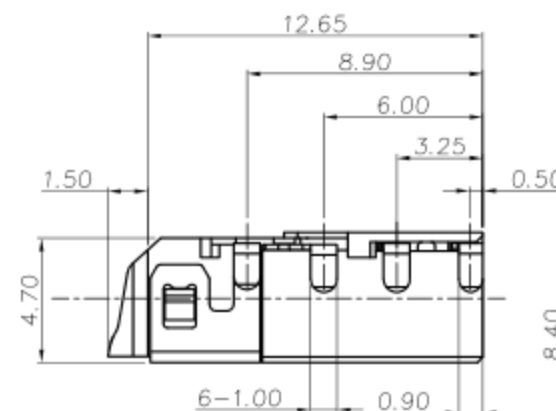
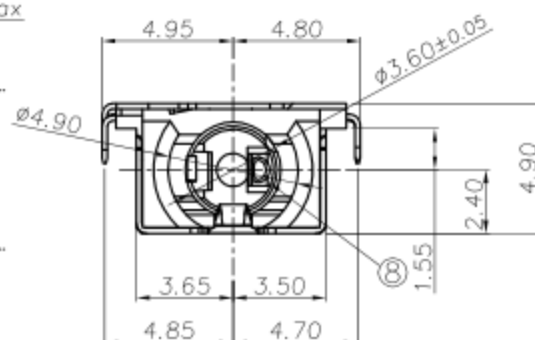
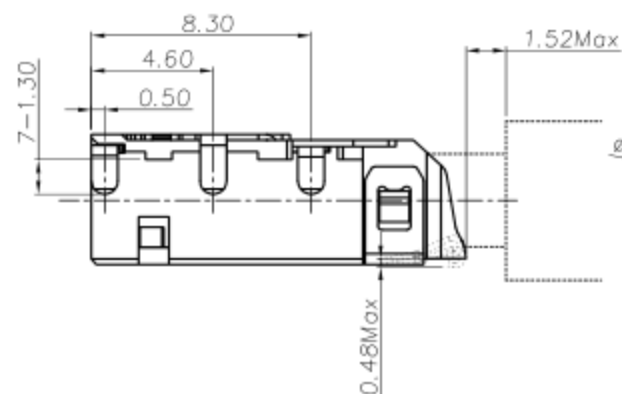
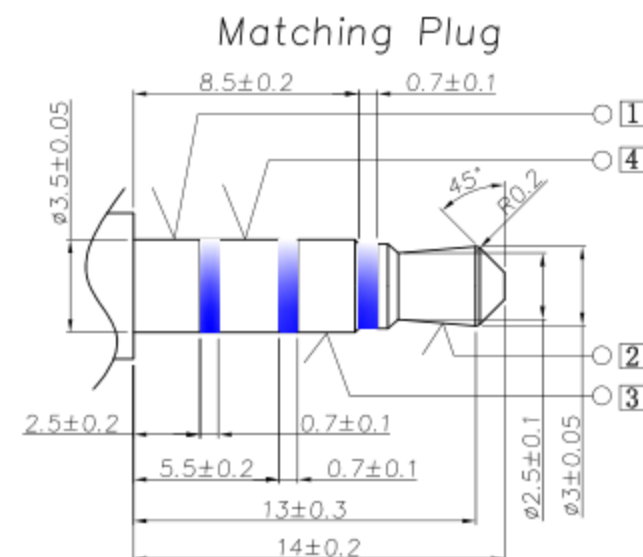
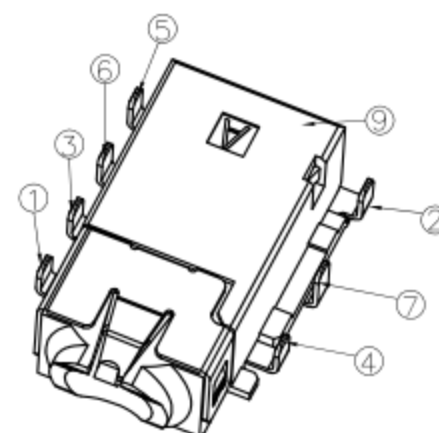
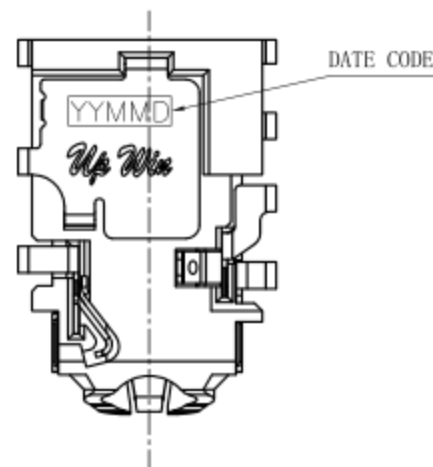
(4) Terminal plating:

AS02=Plating Gold Flash.

(5) Packing mode:L=Reel packing

(6) Environmental requirements:

Rh=RoHS 2.0 + Halogen Free



RECOMMENDED P.C.B LAYOUT (t=1.0mm)

TOP VIEW (TOLRANCE: ±0.05)

#### SPECIFICATION:

##### 1. Electrical characteristics

1-1. Current rating: DC 0.5A max.

1-2. Voltage rating: DC 30V.

1-3. Contact resistance: 50mΩ max.

1-4. Insulation resistance: 100MΩ min. at 500V DC.

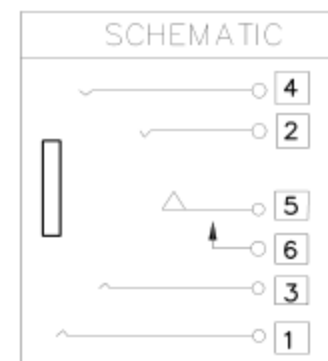
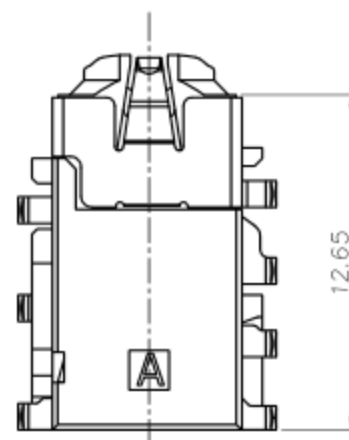
1-5. Withstanding voltage: 500V AC for 1 minute.

##### 2. Mechanical characteristics

2-1. Life test: 5000 cycles min,

2-2. Mating force: 3~30N,

Unmating force: 3~30N.



| NO. | DESCRIPTION     | QTY | MATERIAL                 | REMARK                                                         |
|-----|-----------------|-----|--------------------------|----------------------------------------------------------------|
| 9   | Housing         | 1   | HIGH TEMPERATURE PLASTIC | Black                                                          |
| 8   | Insulator       | 1   | HIGH TEMPERATURE PLASTIC | Black                                                          |
| 6   | Shunt terminal  | 1   | Phosphor bronze, 0.20t   | Gold Flash On Contact And Solder Tail Area, Nickel UnderPlated |
| 5   | Transfer Spring | 1   | Phosphor bronze, 0.20t   |                                                                |
| 7   | Shell           | 1   | Phosphor bronze, 0.20t   | Nickel Plated                                                  |
| 4   | Ring spring     | 1   | Phosphor bronze, 0.20t   |                                                                |
| 3   | Ring spring     | 1   | Phosphor bronze, 0.20t   | Gold Flash On Contact Area Tin Plating on Solder Tail Area     |
| 2   | Tip spring      | 1   | Phosphor bronze, 0.20t   | All over Nickel Plated                                         |
| 1   | Earth spring    | 1   | Phosphor bronze, 0.20t   |                                                                |

|         |     |              |             |        |        |                                             |        |            |         |                                                                                          |              |             |                         |
|---------|-----|--------------|-------------|--------|--------|---------------------------------------------|--------|------------|---------|------------------------------------------------------------------------------------------|--------------|-------------|-------------------------|
|         |     |              |             |        |        | Angle                                       | ±2°    | DESIGN     | 李海鸥     | 2017. 12. 19                                                                             |              | 东莞市高迪电子有限公司 |                         |
|         |     |              |             |        |        | . x                                         | ±0. 30 | CHECK      |         |                                                                                          |              | TITLE:      | Ø3. 5mm PHONE JACK      |
|         |     |              |             |        |        | . xx                                        | ±0. 25 |            |         |                                                                                          |              | MODEL NO.   | PJR-D3145S-ABK7AS02L-RH |
|         | A-0 | 2017. 12. 19 | NEW         | 李海鸥    |        | . xxx                                       | ±0. 10 | APPROVAL   |         |                                                                                          |              | FILE NO.    | Q/DY. QW-001A-0XXX      |
| ECN NO. | REV | DATE         | DESCRIPTION | CHANGE | APPRO. | GENERAL TOLERANCE<br>UNLESS OTHERWISE NOTED |        | SCALE: 3:1 | UNIT:mm | A4  | SHEET:1 of 1 |             |                         |