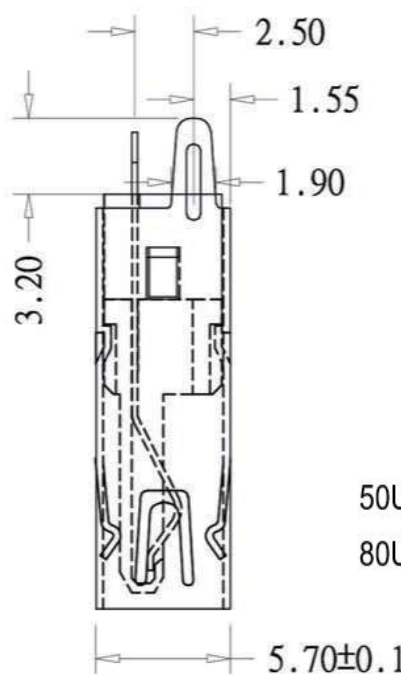
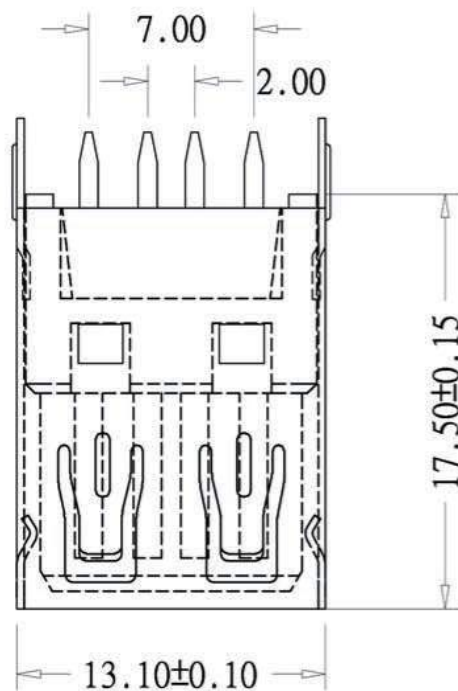
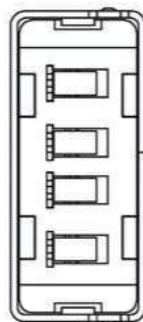
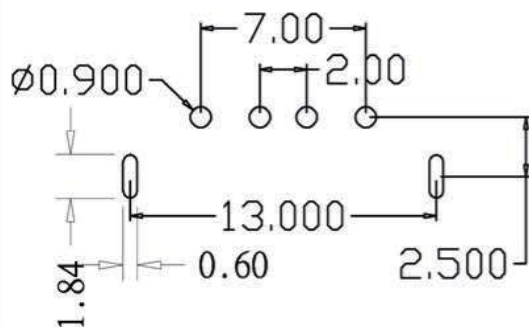


**Kinghelm®**



### Specifications:

- 1.Current Rating:  
1.5A/contact terminal
- 2.Voltage Rating:  
30V DC
- 3.Contact Resistance:  
30 milliohms MAX
- 4.Dielectnic withstanding Voltage:  
500 V AC AT Sea Level
- 5.Insulation Resistance:  
1000MEGA ohms MIN

### Mechanical:

- 1.Cnnector Mate and Unmated Force  
Mate force:3.57kgf(MAX)  
Unmated force:1.02kgf(MIN)
- 2.Terminal Retention  
1.0kgf(MIN)

### Material

- 1.Housing:  
Hing Temperature Thermoplastics,
- 2.Contact:Copper Alloy C2680
- 3.Shell: Copper Alloy C2680/SPCC

- 1.Contact: Plated Gold in Mating Area  
Tin On Solder Tolls

50U "MIN" Tin is plated around the terminal, Gold-plated area 100-200U",  
80U "(MIN) Tin is plated around the copper casing

### Nickel Plating

|                 |       |                                        |       |     |          |                |                  |  |
|-----------------|-------|----------------------------------------|-------|-----|----------|----------------|------------------|--|
| MANUFACTURE DWG |       | SHENZHEN KINGHELM ELECTRONIC CO., LTD. |       |     |          | WWW.BDS666.COM |                  |  |
| TOLERANCE TABLE |       | KH-AF180ZJ-17.5                        |       |     |          | 0755-83044319  |                  |  |
| .X±0.15         | X±5°  | DATE                                   | UNIT  | MM  | CHARTING | DWG NO.        |                  |  |
| .XX±0.05        | X±2°  | CHECKED                                | SCALE | 1:1 | DESIGN   | Product Name   | Short Receptacle |  |
| .XXX±0.02       | XX±1° | APPROVAL                               | VIEW  |     |          | VER            | SHEET            |  |