

# YL1J8M /YL1K8P TYPE 8 PIN ROUND CONNECTOR

## YL1J8M 8Pin Male Connector



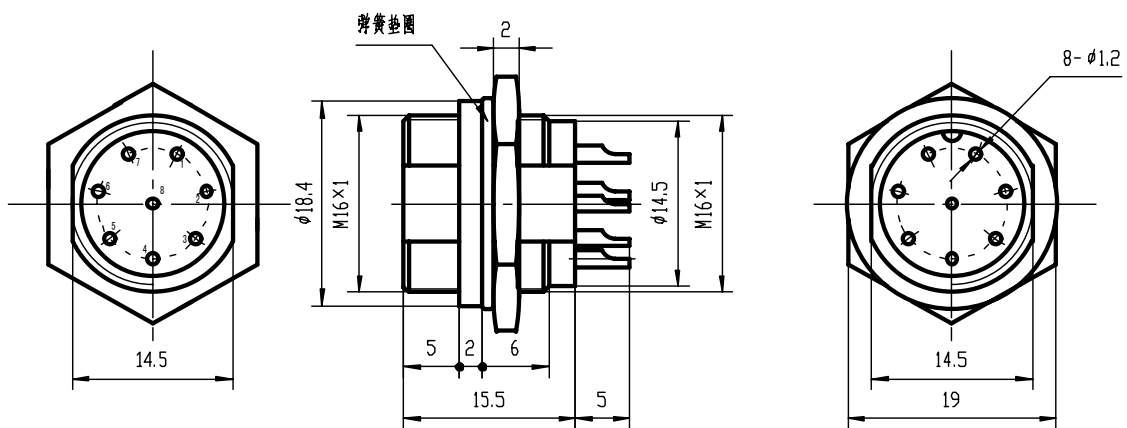
### Key Performance

- Electrical Characteristic
  - ▲ Contact resistance: Normal  $\leq 10\text{m}\Omega$
  - ▲ Rate current: 3A
  - ▲ Rate Voltage: 300V
  - ▲ Insulator Voltage Withstanding 1000Vrms
  - ▲ Insulation Resistance: Normal  $\geq 500\text{M}\Omega$
- Mechanical Characteristic
  - ▲ Single pin separate strength: 0.5N~2.5N
  - ▲ Mechanical Life:  $\geq 500$ times
- Material and Surface Process
  - ▲ Shell
    - Material: Aluminum Alloy
    - Surface Process: Nickel Plated
  - ▲ Substrate Material
    - Material: Withstanding The High Temperature Plastic
    - Color: Black
  - ▲ Center Contacts
    - Material: Copper Alloy
    - Surface process: Nickel Plated
- Working Environment
  - ▲ Environment Temperature:  $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$
  - ▲ Relatively Humidity: Reach to 90%~95% when  $+40^{\circ}\text{C} \pm 2^{\circ}\text{C}$

### Other

- Thread Locking Type (Male and Female)
- Male and Female Both in Set

### Outline Dimension



## YL1K8P 8 Pin Female Connector



### Key Performance

- Electrical Characteristic
  - ▲ Contact resistance: Normal  $\leq 10\text{m}\Omega$
  - ▲ Rate current: 3A
  - ▲ Rate Voltage: 300V
  - ▲ Insulator Voltage Withstanding 1000Vrms
  - ▲ Insulation Resistance: Normal  $\geq 500\text{M}\Omega$ ,
- Mechanical Characteristic
  - ▲ Single pin separate strength: 0.5N~2.5N
  - ▲ Mechanical Life:  $\geq 500$ times
- Material and Surface Process
  - ▲ Shell and Press Line Block
    - Material: Aluminum Alloy
    - Surface Process: Nickel Plated
  - ▲ Substrate Material
    - Material: Withstanding The High Temperature Plastic
    - Color: Black
  - ▲ Nut
    - Material: Tin Bronze
    - Surface process: Nickel Plated
  - ▲ Center Contacts
    - Material: Copper Alloy
    - Surface process: Nickel Plated
- Working Environment
  - ▲ Environment Temperature:  $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$
  - ▲ Relatively Humidity: Reach to 90%~95% when  $+40^{\circ}\text{C} \pm 2^{\circ}\text{C}$

### Other

- Thread Locking Type (Male and Female)
- Male and Female Both in Set

### Outline Dimension

