



## M12 8 Pin X Code Female Panel Mount Receptacle with Wires Front Fastened Shielded Straight

Part Number:

**RHT-634-1495-8X-XXX**

### Basic Information

|                     |            |
|---------------------|------------|
| Contact Termination | Solder Cup |
| Contact Type        | Female     |
| Key                 | X          |
| Number of Positions | 8 Pin      |
| Orientation         | Straight   |

### Material Specification

|                            |                           |
|----------------------------|---------------------------|
| Body Material              | Brass, Nickel Plated      |
| Contact Finish             | Gold                      |
| Contact Material           | Phosphor Bronze           |
| Insulation Material        | PA66+GF                   |
| Seal                       | Black, NBR                |
| Shielding Bracket Material | Nickel Plated, Zinc Alloy |
| Wire Gauge                 | 24AWG/0.25mm <sup>2</sup> |
| Wire Material              | PVC/PUR/TPU/Customized    |

### Electrical Specification

|                       |           |
|-----------------------|-----------|
| Contact Resistance    | ≤5MΩ      |
| Insulation Resistance | ≥100MΩ    |
| Rated Current         | 0.5A      |
| Rated Voltage         | 60V AC/DC |
| Shielding             | Shielded  |

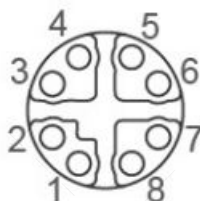
### Mechanical Specification

|               |      |
|---------------|------|
| Mating Cycles | ≥500 |
|---------------|------|

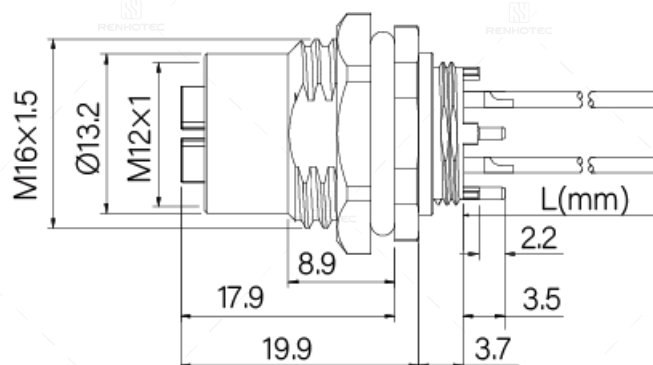
## Environmental Specification

|                   |               |
|-------------------|---------------|
| Protection Rating | IP67(Mated)   |
| Temperature range | -25°C ~ +80°C |

## Contact Layout



## Size



## Disclaimer

The information in this specification is subject to change without notice. Please confirm the latest version before use. Technical parameters are for reference only, and sufficient testing and verification should be conducted in actual applications.