



## M12 Female Straight PCB Type Back Fastened Panel Receptacle

Part Number:

**RHT-634-1337-xx**



### Basic Information

|                     |                                                          |
|---------------------|----------------------------------------------------------|
| Contact Termination | PCB Solder                                               |
| Gender              | Female                                                   |
| Key                 | A, B                                                     |
| Number of Positions | 12 Pin, 17 Pin, 2 Pin, 3 Pin, 4 Pin, 5 Pin, 6 Pin, 8 Pin |
| Orientation         | Straight                                                 |
| Product Type        | Panel Mount Receptacle                                   |

### Material Specification

|                     |                      |
|---------------------|----------------------|
| Body Material       | Brass, Nickel Plated |
| Contact Finish      | Gold                 |
| Contact Material    | Brass                |
| Insulation Material | PA66+GF              |
| Seal                | Black, NBR           |

### Electrical Specification

|                       |            |
|-----------------------|------------|
| Contact Resistance    | ≤5mΩ       |
| Insulation Resistance | ≥100MΩ     |
| Rated Current         | 4A         |
| Rated Voltage         | 250V       |
| Shielding             | Unshielded |

### Environmental Specification

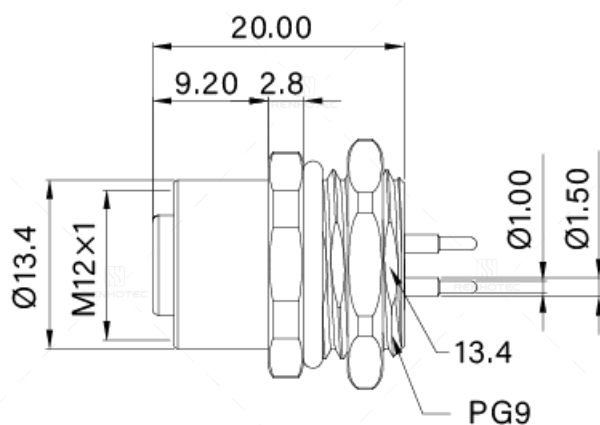
|                       |             |
|-----------------------|-------------|
| Operating Temperature | -25℃ ~ +80℃ |
| Protection Rating     | IP67(Mated) |

### Mechanical Specification

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

### Contact Layout

| Pins | Rated current | Rated voltage |      | Wire gauge |      | Female Contact                                                                      |                                                                                     |                                                                                     | Male Contact                                                                          |                                                                                       |        |
|------|---------------|---------------|------|------------|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------|
|      |               | AC            | D/C  | AWG        | mm²  | A-Code                                                                              | B-Code                                                                              | D-Code                                                                              | A-Code                                                                                | B-Code                                                                                | D-Code |
| 2    | 4A            | 250V          | 250V | 22         | 0.34 |  |                                                                                     |                                                                                     |  |                                                                                       |        |
| 3    | 4A            | 250V          | 250V | 22         | 0.34 |  |                                                                                     |                                                                                     |  |                                                                                       |        |
| 4    | 4A            | 250V          | 250V | 22         | 0.34 |  |                                                                                     |  |  |  |        |
| 5    | 4A            | 60V           | 60V  | 22         | 0.34 |  |  |                                                                                     |  |  |        |
| 6    | 2A            | 30V           | 30V  | 24         | 0.25 |  |                                                                                     |                                                                                     |  |                                                                                       |        |
| 8    | 2A            | 30V           | 30V  | 24         | 0.25 |  |                                                                                     |                                                                                     |  |                                                                                       |        |
| 12   | 1.5A          | 30V           | 30V  | 26         | 0.14 |  |                                                                                     |                                                                                     |  |                                                                                       |        |
| 17   | 1.5A          | 30V           | 30V  | 26         | 0.14 |  |                                                                                     |                                                                                     |  |                                                                                       |        |

**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.