

# Eaton

## UT07GN128PWH601

Male jam nut receptacle with single wire backshell, IP68/69K, 96 h salt spray, keying W; UT07GN128PWH601

|                       |                                                                     |
|-----------------------|---------------------------------------------------------------------|
|                       |                                                                     |
| <b>PRODUCT NAME</b>   | Eaton Souriau UTO series metal IP68/69k connector for intensive use |
| <b>CATALOG NUMBER</b> | UT07GN128PWH601                                                     |
| <b>COMPLIANCES</b>    | Overvoltage category III / pollution degree III<br>UL 1977          |

|                            |                                                                                                                                                                                                                                                                                                                                              |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            |                                                                                                                                                                                                                                                                                                                                              |
| CURRENT RATING             | 10 A UL<br>10 A IEC                                                                                                                                                                                                                                                                                                                          |
| FITTED WITH:               | First mate last break capability(optional)<br>Last mate first break capability(optional)                                                                                                                                                                                                                                                     |
| ENVIRONMENTAL CONDITIONS   | Flammability rating UL94 V0<br>Fire & Smoke<br>REACH<br>Fire and smoke rating HL2 R22 and HL2 R23 following EN 45 545<br>RoHS                                                                                                                                                                                                                |
| ENVIRONMENTAL RESISTANCE   | Shock resistance 50g, 11ms per MIL-C-26482 I<br>Shock resistance 30g, 18ms per NFF61030<br>Resistant against gasoline<br>Vibrations level 55-2000 Hz, 15g per MIL-C-26482 I<br>Resistant against oil<br>Resistant against basic bath<br>Resistant against acid bath<br><br>Vibrations level 2g per NFF61030<br>Resistant against mineral oil |
| TEST CURRENT               | 10 A UL<br>7 A CSA<br>10 A IEC                                                                                                                                                                                                                                                                                                               |
| TEST VOLTAGE               | 500 V UL<br>125 V IEC<br>500 V CSA                                                                                                                                                                                                                                                                                                           |
| BACKSHELL ANGLE            | Straight                                                                                                                                                                                                                                                                                                                                     |
| BACKSHELL TYPE             | Single wire Backshell                                                                                                                                                                                                                                                                                                                        |
| CONNECTOR ACCESSORY OPTION | Delivered with connector                                                                                                                                                                                                                                                                                                                     |
| CONNECTOR ORIENTATION      | W                                                                                                                                                                                                                                                                                                                                            |
| CONNECTOR TYPE             | Receptacle                                                                                                                                                                                                                                                                                                                                   |
| CONTACT DELIVERY           | Not delivered                                                                                                                                                                                                                                                                                                                                |
| CONTACT GENDER             | Pin (Male)                                                                                                                                                                                                                                                                                                                                   |
| CONTACT TYPE               | Crimp                                                                                                                                                                                                                                                                                                                                        |
| COUPLING TYPE              | 1/3 Bayonet                                                                                                                                                                                                                                                                                                                                  |
| DEGREE OF PROTECTION       | IP68                                                                                                                                                                                                                                                                                                                                         |



|                             |                    |
|-----------------------------|--------------------|
| INSERT MATERIAL             | Polyamide          |
| LAYOUT                      | 8                  |
| PLATING                     | Nickel             |
| SHELL MATERIAL              | Zinc alloy         |
| SHELL SIZE                  | 12                 |
| MATING CYCLES               | 500                |
| OPERATING TEMPERATURE - MAX | 105 °C             |
| OPERATING TEMPERATURE - MIN | -40 °C             |
| RECEPTACLE TYPE             | Jam Nut Receptacle |
| NUMBER OF CONTACTS          | 8                  |
| NUMBER OF CAVITY #16        | 8                  |
| NUT MATERIAL                | Aluminium          |
| SALT SPRAY                  | 96 hour            |

|                 |
|-----------------|
| PROJECT NAME:   |
| PROJECT NUMBER: |
| PREPARED BY:    |
| :               |