



## Eaton UT07GN104SH6

Female jam nut receptacle with single wire backshell, IP68/69K, 48 h salt spray;  
UT07GN104SH6

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|                       |                                                                     |
|-----------------------|---------------------------------------------------------------------|
| <b>PRODUCT NAME</b>   | Eaton Souriau UTO series metal IP68/69k connector for intensive use |
| <b>CATALOG NUMBER</b> | UT07GN104SH6                                                        |
| <b>COMPLIANCES</b>    | UL 1977<br>Overvoltage category III /<br>pollution degree III       |

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|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CURRENT RATING</b>             | 10 A UL<br>13 A IEC                                                                                                                                                                                                                                                                                                                          |
| <b>FITTED WITH:</b>               | Last mate first break capability(optional)<br>First mate last break capability(optional)                                                                                                                                                                                                                                                     |
| <b>ENVIRONMENTAL CONDITIONS</b>   | Fire and smoke rating HL2<br>R22 and HL2 R23 following EN 45 545<br>RoHS<br>REACH<br>Fire & Smoke<br>Flammability rating UL94 V0                                                                                                                                                                                                             |
| <b>ENVIRONMENTAL RESISTANCE</b>   | Vibrations level 55-2000 Hz, 15g per MIL-C-26482 I<br>Shock resistance 50g, 11ms per MIL-C-26482 I<br>Vibrations level 2g per NFF61030<br>Shock resistance 30g, 18ms per NFF61030<br>Resistant against mineral oil<br>Resistant against basic bath<br>Resistant against acid bath<br><br>Resistant against oil<br>Resistant against gasoline |
| <b>TEST CURRENT</b>               | 7 A CSA<br>13 A IEC<br>10 A UL                                                                                                                                                                                                                                                                                                               |
| <b>TEST VOLTAGE</b>               | 150 V IEC<br>500 V UL<br>500 V CSA                                                                                                                                                                                                                                                                                                           |
| <b>BACKSHELL ANGLE</b>            | Straight                                                                                                                                                                                                                                                                                                                                     |
| <b>BACKSHELL TYPE</b>             | Single wire Backshell                                                                                                                                                                                                                                                                                                                        |
| <b>CONNECTOR ACCESSORY OPTION</b> | Delivered with connector                                                                                                                                                                                                                                                                                                                     |
| <b>CONNECTOR ORIENTATION</b>      | N                                                                                                                                                                                                                                                                                                                                            |
| <b>CONNECTOR TYPE</b>             | Receptacle                                                                                                                                                                                                                                                                                                                                   |
| <b>CONTACT DELIVERY</b>           | Not delivered                                                                                                                                                                                                                                                                                                                                |
| <b>CONTACT GENDER</b>             | Socket (Female)                                                                                                                                                                                                                                                                                                                              |
| <b>CONTACT TYPE</b>               | Crimp                                                                                                                                                                                                                                                                                                                                        |
| <b>COUPLING TYPE</b>              | 1/3 Bayonet                                                                                                                                                                                                                                                                                                                                  |
| <b>DEGREE OF PROTECTION</b>       | IP68                                                                                                                                                                                                                                                                                                                                         |
| <b>INSERT MATERIAL</b>            | Polyamide                                                                                                                                                                                                                                                                                                                                    |
| <b>LAYOUT</b>                     | 4                                                                                                                                                                                                                                                                                                                                            |

|                             |                    |
|-----------------------------|--------------------|
| PLATING                     | Nickel             |
| SHELL MATERIAL              | Zinc alloy         |
| SHELL SIZE                  | 10                 |
| MATING CYCLES               | 500                |
| OPERATING TEMPERATURE - MAX | 105 °C             |
| OPERATING TEMPERATURE - MIN | -40 °C             |
| RECEPTACLE TYPE             | Jam Nut Receptacle |
| NUMBER OF CONTACTS          | 4                  |
| NUMBER OF CAVITY #16        | 4                  |
| NUT MATERIAL                | Aluminium          |
| SALT SPRAY                  | 48 hour            |

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



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