

# Eaton UTS714E15SZ

Plastic jam nut receptacle, without backshell, with 15 female solder contacts, IP68/69K in unmated conditions, keying Z; UTS714E15SZ

|                      |                                                                                                                                                                                 |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      |                                                                                                                                                                                 |
| PRODUCT NAME         | Eaton Souriau UTS series plastic waterproof IP68/69k connector                                                                                                                  |
| CATALOG NUMBER       | UTS714E15SZ                                                                                                                                                                     |
| PRODUCT LENGTH/DEPTH | 25.3 mm                                                                                                                                                                         |
| PRODUCT HEIGHT       | 34.9 mm                                                                                                                                                                         |
| PRODUCT WIDTH        | 34.9 mm                                                                                                                                                                         |
| PRODUCT WEIGHT       | 22.2 g                                                                                                                                                                          |
| COMPLIANCES          | IEC 61984 (please contact us for more details)<br>ROHS exemption 6.c<br>UL 1977 (please contact us for more details)<br>CSA-C22.2 No.182.3 (please contact us for more details) |

|                             |                                                                                                                                                                                                                                                                                                   |
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|                             |                                                                                                                                                                                                                                                                                                   |
| CURRENT RATING              | 4 A IEC<br>12 A UL                                                                                                                                                                                                                                                                                |
| ENVIRONMENTAL CONDITIONS    | Flammability rating UL94 HB<br>REACH<br>RoHS                                                                                                                                                                                                                                                      |
| ENVIRONMENTAL RESISTANCE    | Resistant against gasoline<br>Resistant against mineral oil<br>UV resistant, no degradation after 5 years of exposure in natural environment<br>Resistant against acid bath<br><br>Resistant against basic bath<br>Vibrations level Per IEC 60512-4 - from 10 to 2000 Hz<br>Resistant against oil |
| TEST CURRENT                | 12 A UL<br>12 A CSA<br>4 A IEC                                                                                                                                                                                                                                                                    |
| TEST VOLTAGE                | 600 V CSA<br>50 V IEC<br>600 V UL                                                                                                                                                                                                                                                                 |
| CONNECTOR ACCESSORY OPTION  | Not delivered, to be ordered separately                                                                                                                                                                                                                                                           |
| CONNECTOR ORIENTATION       | Z                                                                                                                                                                                                                                                                                                 |
| CONNECTOR TYPE              | Receptacle                                                                                                                                                                                                                                                                                        |
| CONTACT DELIVERY            | Loaded                                                                                                                                                                                                                                                                                            |
| CONTACT GENDER              | Socket (Female)                                                                                                                                                                                                                                                                                   |
| CONTACT PLATING             | Gold                                                                                                                                                                                                                                                                                              |
| CONTACT TYPE                | Solder Cup                                                                                                                                                                                                                                                                                        |
| COUPLING TYPE               | 1/3 Bayonet                                                                                                                                                                                                                                                                                       |
| DEGREE OF PROTECTION        | IP68                                                                                                                                                                                                                                                                                              |
| INSERT MATERIAL             | Neoprene                                                                                                                                                                                                                                                                                          |
| LAYOUT                      | 15                                                                                                                                                                                                                                                                                                |
| SHELL MATERIAL              | Plastic                                                                                                                                                                                                                                                                                           |
| SHELL SIZE                  | 14                                                                                                                                                                                                                                                                                                |
| MATING CYCLES               | 250                                                                                                                                                                                                                                                                                               |
| OPERATING TEMPERATURE - MAX | 105 °C                                                                                                                                                                                                                                                                                            |
| OPERATING TEMPERATURE - MIN | -40 °C                                                                                                                                                                                                                                                                                            |



|                      |                    |
|----------------------|--------------------|
| RECEPTACLE TYPE      | Jam Nut Receptacle |
| NUMBER OF CONTACTS   | 15                 |
| NUMBER OF CAVITY #16 | 1                  |
| NUMBER OF CAVITY #20 | 14                 |
| NUT MATERIAL         | Aluminium          |
| SALT SPRAY           | 500 hour           |

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



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