

## Eaton UTS710E6P

Plastic jam nut receptacle, without backshell, with 6 male solder contacts, IP68/69K in unmated conditions; UTS710E6P

|                             |                                                                                                                                                                                 |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                             |                                                                                                                                                                                 |
| <b>PRODUCT NAME</b>         | Eaton Souriau UTS series plastic waterproof IP68/69k connector                                                                                                                  |
| <b>CATALOG NUMBER</b>       | UTS710E6P                                                                                                                                                                       |
| <b>PRODUCT LENGTH/DEPTH</b> | 25.3 mm                                                                                                                                                                         |
| <b>PRODUCT HEIGHT</b>       | 27 mm                                                                                                                                                                           |
| <b>PRODUCT WIDTH</b>        | 27 mm                                                                                                                                                                           |
| <b>PRODUCT WEIGHT</b>       | 10.2 g                                                                                                                                                                          |
| <b>COMPLIANCES</b>          | CSA-C22.2 No.182.3 (please contact us for more details)<br>IEC 61984 (please contact us for more details)<br>UL 1977 (please contact us for more details)<br>ROHS exemption 6.c |



|                             |                                                                                                                                                                                                                                                                                               |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CURRENT RATING              | 6 A UL<br>7 A IEC                                                                                                                                                                                                                                                                             |
| ENVIRONMENTAL CONDITIONS    | Flammability rating UL94 HB<br>REACH<br>RoHS                                                                                                                                                                                                                                                  |
| ENVIRONMENTAL RESISTANCE    | Vibrations level Per IEC 60512-4 - from 10 to 2000 Hz<br>Resistant against oil<br>Resistant against gasoline<br>Resistant against basic bath<br>UV resistant, no degradation after 5 years of exposure in natural environment<br>Resistant against mineral oil<br>Resistant against acid bath |
| TEST CURRENT                | 6 A UL<br>7 A IEC<br>6 A CSA                                                                                                                                                                                                                                                                  |
| TEST VOLTAGE                | 250 V UL<br>250 V CSA<br>32 V IEC                                                                                                                                                                                                                                                             |
| CONNECTOR ACCESSORY OPTION  | Not delivered, to be ordered separately                                                                                                                                                                                                                                                       |
| CONNECTOR ORIENTATION       | N                                                                                                                                                                                                                                                                                             |
| CONNECTOR TYPE              | Receptacle                                                                                                                                                                                                                                                                                    |
| CONTACT DELIVERY            | Loaded                                                                                                                                                                                                                                                                                        |
| CONTACT GENDER              | Pin (Male)                                                                                                                                                                                                                                                                                    |
| CONTACT PLATING             | Gold                                                                                                                                                                                                                                                                                          |
| CONTACT TYPE                | Solder Cup                                                                                                                                                                                                                                                                                    |
| COUPLING TYPE               | 1/3 Bayonet                                                                                                                                                                                                                                                                                   |
| DEGREE OF PROTECTION        | IP68                                                                                                                                                                                                                                                                                          |
| INSERT MATERIAL             | Neoprene                                                                                                                                                                                                                                                                                      |
| LAYOUT                      | 6                                                                                                                                                                                                                                                                                             |
| SHELL MATERIAL              | Plastic                                                                                                                                                                                                                                                                                       |
| SHELL SIZE                  | 10                                                                                                                                                                                                                                                                                            |
| MATING CYCLES               | 250                                                                                                                                                                                                                                                                                           |
| OPERATING TEMPERATURE - MAX | 105 °C                                                                                                                                                                                                                                                                                        |
| OPERATING TEMPERATURE - MIN | -40 °C                                                                                                                                                                                                                                                                                        |

|                      |                    |
|----------------------|--------------------|
| RECEPTACLE TYPE      | Jam Nut Receptacle |
| NUMBER OF CONTACTS   | 6                  |
| NUMBER OF CAVITY #20 | 6                  |
| NUT MATERIAL         | Aluminium          |
| SALT SPRAY           | 500 hour           |

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



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