

## Eaton UTS010E98PW

Plastic square flange receptacle, without backshell, with 6 male solder contacts, IP68/69K in unmated conditions, keying W; UTS010E98PW

|                             |                                                                                                                                                                                 |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                             |                                                                                                                                                                                 |
| <b>PRODUCT NAME</b>         | Eaton Souriau UTS series plastic waterproof IP68/69k connector                                                                                                                  |
| <b>CATALOG NUMBER</b>       | UTS010E98PW                                                                                                                                                                     |
| <b>PRODUCT LENGTH/DEPTH</b> | 21.5 mm                                                                                                                                                                         |
| <b>PRODUCT HEIGHT</b>       | 23.8 mm                                                                                                                                                                         |
| <b>PRODUCT WIDTH</b>        | 23.8 mm                                                                                                                                                                         |
| <b>PRODUCT WEIGHT</b>       | 6.5 g                                                                                                                                                                           |
| <b>COMPLIANCES</b>          | CSA-C22.2 No.182.3 (please contact us for more details)<br>ROHS exemption 6.c<br>IEC 61984 (please contact us for more details)<br>UL 1977 (please contact us for more details) |



|                             |                                                                                                                                                                                                                                                                                                   |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CURRENT RATING              | 6 A UL<br>7 A IEC                                                                                                                                                                                                                                                                                 |
| ENVIRONMENTAL CONDITIONS    | REACH<br>Flammability rating UL94<br>HB<br>RoHS                                                                                                                                                                                                                                                   |
| ENVIRONMENTAL RESISTANCE    | Resistant against mineral oil<br>UV resistant, no degradation after 5 years of exposure in natural environment<br>Resistant against basic bath<br>Resistant against acid bath<br><br>Resistant against gasoline<br>Vibrations level Per IEC 60512-4 - from 10 to 2000 Hz<br>Resistant against oil |
| TEST CURRENT                | 6 A UL<br>6 A CSA<br>7 A IEC                                                                                                                                                                                                                                                                      |
| TEST VOLTAGE                | 250 V CSA<br>250 V UL<br>50 V IEC                                                                                                                                                                                                                                                                 |
| CONNECTOR ACCESSORY OPTION  | No backshell possibility                                                                                                                                                                                                                                                                          |
| CONNECTOR ORIENTATION       | W                                                                                                                                                                                                                                                                                                 |
| 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                      | 98                                                                                                                                                                                                                                                                                                |
| SHELL MATERIAL              | Plastic                                                                                                                                                                                                                                                                                           |
| SHELL SIZE                  | 10                                                                                                                                                                                                                                                                                                |
| MATING CYCLES               | 250                                                                                                                                                                                                                                                                                               |
| OPERATING TEMPERATURE - MAX | 105 °C                                                                                                                                                                                                                                                                                            |
| OPERATING TEMPERATURE - MIN | -40 °C                                                                                                                                                                                                                                                                                            |



|                      |                          |
|----------------------|--------------------------|
| RECEPTACLE TYPE      | Square Flange Receptacle |
| NUMBER OF CONTACTS   | 6                        |
| NUMBER OF CAVITY #20 | 6                        |
| SALT SPRAY           | 500 hour                 |

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

:



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