

# Eaton UTS014D18SW

Plastic square flange receptacle, without backshell, with 18 female PCB contacts, IP68/69K in unmated conditions, keying W; UTS014D18SW

|                             |   |
|-----------------------------|---|
| <b>PRODUCT NAME</b>         | Eaton Souriau UTS series plastic waterproof IP68/69k connector  |
| <b>CATALOG NUMBER</b>       | UTS014D18SW   |
| <b>PRODUCT LENGTH/DEPTH</b> | 21.5 mm   |
| <b>PRODUCT HEIGHT</b>       | 28.6 mm   |
| <b>PRODUCT WIDTH</b>        | 28.6 mm   |
| <b>PRODUCT WEIGHT</b>       | 17.7 g  |
| <b>COMPLIANCES</b>          | IEC 61984 (please contact us for more details)<br>UL 1977 (please contact us for more details)<br>ROHS exemption 6.c<br>CSA-C22.2 No.182.3 (please contact us for more details) |



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|                                    |   |
|------------------------------------|---|
| <b>CURRENT RATING</b>              | 5 A IEC<br>4 A UL   |
| <b>ENVIRONMENTAL CONDITIONS</b>    | Flammability rating UL94<br>HB<br>REACH<br>RoHS   |
| <b>ENVIRONMENTAL RESISTANCE</b>    | Resistant against gasoline<br>UV resistant, no degradation after 5 years of exposure in natural environment<br>Resistant against basic bath<br>Resistant against mineral oil<br>Vibrations level Per IEC 60512-4 - from 10 to 2000 Hz<br>Resistant against acid bath<br><br>Resistant against oil |
| <b>TEST CURRENT</b>                | 4 A UL<br>4 A CSA<br>5 A IEC  |
| <b>TEST VOLTAGE</b>                | 50 V IEC<br>250 V CSA<br>250 V UL   |
| <b>CONNECTOR ACCESSORY OPTION</b>  | No backshell possibility  |
| <b>CONNECTOR ORIENTATION</b>       | W   |
| <b>CONNECTOR TYPE</b>              | Receptacle  |
| <b>CONTACT DELIVERY</b>            | Loaded  |
| <b>CONTACT GENDER</b>              | Socket (Female)   |
| <b>CONTACT PLATING</b>             | Gold  |
| <b>CONTACT TYPE</b>                | PCB   |
| <b>COUPLING TYPE</b>               | 1/3 Bayonet   |
| <b>DEGREE OF PROTECTION</b>        | IP68  |
| <b>INSERT MATERIAL</b>             | Neoprene  |
| <b>LAYOUT</b>                      | 18  |
| <b>SHELL MATERIAL</b>              | Plastic   |
| <b>SHELL SIZE</b>                  | 14  |
| <b>MATING CYCLES</b>               | 250   |
| <b>OPERATING TEMPERATURE - MAX</b> | 105 °C  |
| <b>OPERATING TEMPERATURE - MIN</b> | -40 °C  |



|                             |                          |
|-----------------------------|--------------------------|
| <b>RECEPTACLE TYPE</b>      | Square Flange Receptacle |
| <b>NUMBER OF CONTACTS</b>   | 18                       |
| <b>NUMBER OF CAVITY #20</b> | 18                       |
| <b>SALT SPRAY</b>           | 500 hour                 |

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**PROJECT NAME:**

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**PROJECT NUMBER:**

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**PREPARED BY:**

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