

## Eaton UTS610E98SX

Plastic plug, without backshell, with 6 female solder contacts, IP68/69K in unmated conditions, keying X; UTS610E98SX

|                             |   |
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|                             |   |
| <b>PRODUCT NAME</b>         | Eaton Souriau UTS series plastic waterproof IP68/69k connector  |
| <b>CATALOG NUMBER</b>       | UTS610E98SX   |
| <b>PRODUCT LENGTH/DEPTH</b> | 23.6 mm   |
| <b>PRODUCT HEIGHT</b>       | 26.7 mm   |
| <b>PRODUCT WIDTH</b>        | 26.7 mm   |
| <b>PRODUCT WEIGHT</b>       | 11.4 g  |
| <b>COMPLIANCES</b>          | IEC 61984 (please contact us for more details)<br>UL 1977 (please contact us for more details)<br>CSA-C22.2 No.182.3 (please contact us for more details)<br>ROHS exemption 6.c |

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| CURRENT RATING              | 7 A IEC<br>6 A UL   |
| ENVIRONMENTAL CONDITIONS    | Flammability rating UL94 HB<br>RoHS<br>REACH  |
| 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>Vibrations level Per IEC 60512-4 - from 10 to 2000 Hz<br>Resistant against oil<br>Resistant against gasoline |
| TEST CURRENT                | 6 A CSA<br>6 A UL<br>7 A IEC  |
| TEST VOLTAGE                | 250 V UL<br>50 V IEC<br>250 V CSA   |
| CONNECTOR ACCESSORY OPTION  | Not delivered, to be ordered separately   |
| CONNECTOR ORIENTATION       | X   |
| CONNECTOR TYPE              | Plug  |
| 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                      | 98  |
| PLUG TYPE                   | Straight Plug   |
| SHELL MATERIAL              | Plastic   |
| SHELL SIZE                  | 10  |
| MATING CYCLES               | 250   |
| OPERATING TEMPERATURE - MAX | 105 °C  |



|  |          |
|--|----------|
| <b>OPERATING<br/>TEMPERATURE - MIN</b> | -40 °C   |
| <b>NUMBER OF CONTACTS</b>              | 6        |
| <b>NUMBER OF CAVITY #20</b>            | 6        |
| <b>SALT SPRAY</b>                      | 500 hour |

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|------------------------|
| <b>PROJECT NAME:</b>   |
| <b>PROJECT NUMBER:</b> |
| <b>PREPARED BY:</b>    |
| :                      |



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