

## Eaton UTS014E7P

Plastic square flange receptacle, without backshell, with 7 male solder contacts, IP68/69K in unmated conditions; UTS014E7P

|                             |   |
|-----------------------------|---|
|                             |   |
| <b>PRODUCT NAME</b>         | Eaton Souriau UTS series plastic waterproof IP68/69k connector  |
| <b>CATALOG NUMBER</b>       | UTS014E7P   |
| <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>       | 13.2 g  |
| <b>COMPLIANCES</b>          | CSA-C22.2 No.182.3 (please contact us for more details)<br>ROHS exemption 6.c<br>UL 1977 (please contact us for more details)<br>IEC 61984 (please contact us for more details) |

|                            |   |
|----------------------------|---|
|                            |   |
| CURRENT RATING             | 10 A UL<br>16 A IEC   |
| FITTED WITH:               | Layout with ground cavity<br>Last mate first break capability(optional)<br>First mate last break capability   |
| ENVIRONMENTAL CONDITIONS   | REACH<br>Flammability rating UL94 HB<br>RoHS  |
| ENVIRONMENTAL RESISTANCE   | Resistant against basic bath<br>Resistant against oil<br>Resistant against mineral oil<br>UV resistant, no degradation after 5 years of exposure in natural environment<br>Resistant against gasoline<br>Resistant against acid bath<br><br>Vibrations level Per IEC 60512-4 - from 10 to 2000 Hz |
| TEST CURRENT               | 16 A IEC<br>10 A UL<br>7 A CSA  |
| TEST VOLTAGE               | 500 V UL<br>500 V CSA<br>300 V IEC  |
| CONNECTOR ACCESSORY OPTION | No backshell possibility  |
| 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                     | 7   |
| SHELL MATERIAL             | Plastic   |
| SHELL SIZE                 | 14  |



|                             |                          |
|-----------------------------|--------------------------|
| MATING CYCLES               | 250                      |
| OPERATING TEMPERATURE - MAX | 105 °C                   |
| OPERATING TEMPERATURE - MIN | -40 °C                   |
| RECEPTACLE TYPE             | Square Flange Receptacle |
| NUMBER OF CONTACTS          | 7                        |
| NUMBER OF CAVITY #16        | 7                        |
| SALT SPRAY                  | 500 hour                 |

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

:



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