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## Eaton 8STA02429SN

Aluminium oval flange receptacle, Black Zinc Nickel plating, with female contacts;  
8STA02429SN

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|---------------------------------|---|
| <b>PRODUCT NAME</b>             | Eaton Souriau 8STA series<br>lightweight miniature<br>connector |
| <b>CATALOG NUMBER</b>           | 8STA02429SN   |
| <b>PRODUCT<br/>LENGTH/DEPTH</b> | 33.5 mm   |
| <b>PRODUCT HEIGHT</b>           | 55.8 mm   |
| <b>PRODUCT WIDTH</b>            | 43.3 mm   |
| <b>PRODUCT WEIGHT</b>           | 75.4 g  |



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|------------------------------------|---------------------------|
| <b>FITTED WITH:</b>                | Shielding                 |
| <b>ENVIRONMENTAL CONDITIONS</b>    | RoHS<br>REACH             |
| <b>BACKSHELL TYPE</b>              | Shrink Boot Adapter       |
| <b>CONNECTOR ACCESSORY OPTION</b>  | Integrated with connector |
| <b>CONNECTOR ORIENTATION</b>       | N                         |
| <b>CONNECTOR TYPE</b>              | Receptacle                |
| <b>CONTACT DELIVERY</b>            | Unloaded                  |
| <b>CONTACT GENDER</b>              | Socket (Female)           |
| <b>CONTACT PLATING</b>             | Gold                      |
| <b>CONTACT TYPE</b>                | Crimp                     |
| <b>COUPLING TYPE</b>               | 1/3 Bayonet               |
| <b>DEGREE OF PROTECTION</b>        | IP67                      |
| <b>INSERT MATERIAL</b>             | Peek                      |
| <b>LAYOUT</b>                      | 29                        |
| <b>PLATING</b>                     | Black Zinc Nickel         |
| <b>SHELL CONTINUITY</b>            | 10.0                      |
| <b>SHELL MATERIAL</b>              | Aluminium                 |
| <b>SHELL SIZE</b>                  | 24                        |
| <b>MATING CYCLES</b>               | 500                       |
| <b>OPERATING TEMPERATURE - MAX</b> | 175 °C                    |
| <b>OPERATING TEMPERATURE - MIN</b> | -55 °C                    |
| <b>RECEPTACLE TYPE</b>             | Square Flange Receptacle  |
| <b>NUMBER OF CONTACTS</b>          | 29                        |
| <b>NUMBER OF CAVITY #16</b>        | 29                        |
| <b>SALT SPRAY</b>                  | 48 hour                   |

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