

**S33F1C-P18MJG0-4500**  
series\_f  
type\_s3

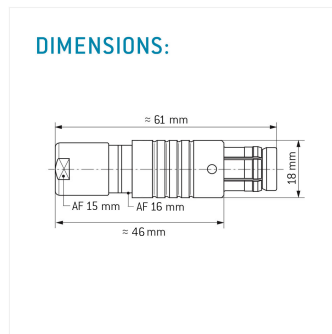


**General information**

|                   |                     |
|-------------------|---------------------|
| Part number       | S33F1C-P18MJG0-4500 |
| Termination       | solder              |
| Size              | 3                   |
| Locking principle | push                |
| Coding            | 1_halfshell         |
| Cable Diameter    | cable_mini_45       |
| Cable outlet      | standard            |



Illustrations may differ from original product.  
Dimensions, unless otherwise specified, in mm.



**Contact insert description**

|                      |        |
|----------------------|--------|
| Number of contacts   | 18     |
| Contact type         | pins   |
| Contact diameter     | 09mm   |
| Insulator material   | peek   |
| Wire cross section   | 22_awg |
| Termination          | solder |
| Termination diameter | 085mm  |

reverse\_gender\_on\_request

**Technical information**

|  |          |               |
|--|----------|---------------|
| Max. creepage and air clearance distance | 09_mm    | 08_mm         |
| Nominal current single contact           | 075_a    | iec_60512_5_2 |
| Nominal current insert                   | 3,75 A   | vde_0298_4    |
| Test voltage                             | 11_kv_ac | sae_13441     |

safety\_text

## Mechanical and environmental data

|                       |      |
|-----------------------|------|
| Degree of protection* | ip68 |
|-----------------------|------|

|                       |          |
|-----------------------|----------|
| Operating temperature | 40_120_c |
|-----------------------|----------|

|               |      |
|---------------|------|
| Mating cycles | 5000 |
|---------------|------|

mated

## Material and surface treatments

|         |          |
|---------|----------|
| Housing | m_chrome |
|---------|----------|

|         |               |
|---------|---------------|
| Contact | cu_alloy_gold |
|---------|---------------|

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ul\_text

illustrative\_text