

S23F1C-P18MJG0-450S

series\_f

type\_s2



General information

|                   |                     |
|-------------------|---------------------|
| Part number       | S23F1C-P18MJG0-450S |
| Termination       | solder              |
| Size              | 3                   |
| Locking principle | push                |
| Coding            | 1_halfshell         |
| Cable Diameter    | cable_mini_45       |
| Cable outlet      | bend_relief         |



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

CODING: 1

DIMENSIONS:

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* | ip50     |
| Operating temperature | 40_120_c |
| Mating cycles         | 5000     |

mated\_unmated

**Material and surface treatments**

|         |               |
|---------|---------------|
| Housing | m_chrome      |
| Contact | cu_alloy_gold |

safety\_text\_2  
ul\_text  
illustrative\_text