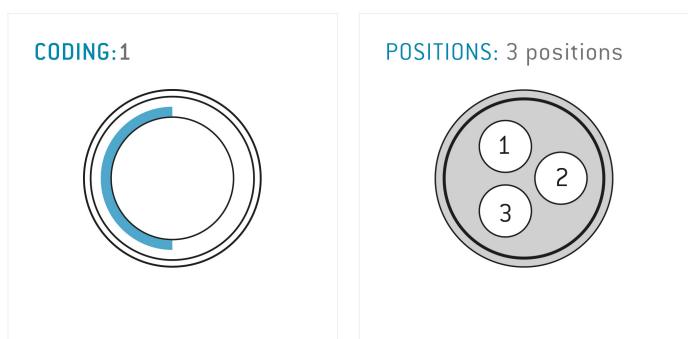


### General information

|                   |                     |  |
|-------------------|---------------------|--|
| Part number       | K41F1C-P03LPH0-500S |  |
| Termination       | solder              |  |
| Size              | 1                   |  |
| Locking principle | break, push         |  |
| Coding            | 1_halfshell         |  |
| Cable Diameter    | cable_mini_50       |  |
| Cable outlet      | bend_relief         |  |



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



The pin layout corresponds to the view on the termination area

### Contact insert description

|                      |         |  |
|----------------------|---------|--|
| Number of contacts   | 3       |  |
| Contact type         | sockets |  |
| Contact diameter     | 13mm    |  |
| Insulator material   | peek    |  |
| Wire cross section   | 20_awg  |  |
| Termination          | solder  |  |
| Termination diameter | 11mm    |  |

reverse\_gender\_on\_request

### Technical information

|  |          |               |
|--|----------|---------------|
| Max. creepage and air clearance distance | 10_mm    | 08_mm         |
| Nominal current single contact           | 12_a     | iec_60512_5_2 |
| Nominal current insert                   | 12_A     | vde_0298_4    |
| Test voltage                             | 15_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 |

safety\_text\_2

ul\_text

illustrative\_text