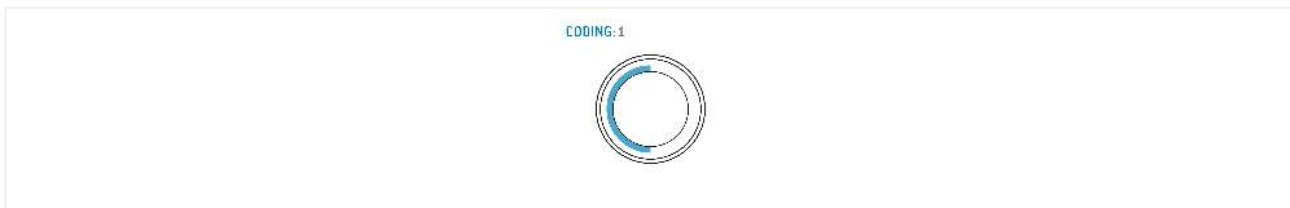


# K41F1C-P02LPH0-300S series\_f, type\_k4



## General information

|                   |                     |
|-------------------|---------------------|
| Part number       | K41F1C-P02LPH0-300S |
| Termination       | solder              |
| Size              | 1                   |
| Locking principle | break , push        |
| Coding            | 1_halfshell         |
| Cable Diameter    | cable_mini_30       |
| Cable outlet      | bend_relief         |



## Contact insert description

|                      |         |
|----------------------|---------|
| Number of contacts   | 2       |
| 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 | 13_mm     | 09_mm         |
| Nominal current single contact           | 12_a      | iec_60512_5_2 |
| Nominal current insert                   | 12 A      | vde_0298_4    |
| Test voltage                             | 165_kv_ac | sae_13441     |

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## Mechanical and environmental data

|                       |          |
|-----------------------|----------|
| Degree of protection* | ip68     |
| Operating temperature | 40_120_c |
| Mating cycles         | 5000     |

mated

## Material and surface treatments

|                |               |
|----------------|---------------|
| <b>Housing</b> | m_chrome      |
| <b>Contact</b> | cu_alloy_gold |

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