

K31F1C-P08LFG0-3500

series\_f

type\_k3



General information

|                   |                     |
|-------------------|---------------------|
| Part number       | K31F1C-P08LFG0-3500 |
| Termination       | solder              |
| Size              | 1                   |
| Locking principle | break , push        |
| Coding            | 1_halfshell         |
| Cable Diameter    | cable_mini_35       |
| Cable outlet      | standard            |



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



Contact insert description

|                      |         |
|----------------------|---------|
| Number of contacts   | 8       |
| Contact type         | sockets |
| Contact diameter     | 07mm    |
| 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 | 04_mm    | 07_mm         |
| Nominal current single contact           | 075_a    | iec_60512_5_2 |
| Nominal current insert                   | 4,875 A  | vde_0298_4    |
| Test voltage                             | 09_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