

General information

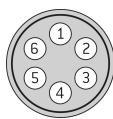
|                   |                     |
|-------------------|---------------------|
| Part number       | K31F1C-P06LFG0-3000 |
| Termination       | solder              |
| Size              | 1                   |
| Locking principle | break , push        |
| Coding            | 1_halfshell         |
| Cable Diameter    | cable_mini_30       |
| Cable outlet      | standard            |



CODING: 1



POSITIONS: 6 positions



Contact insert description

|                      |         |
|----------------------|---------|
| Number of contacts   | 6       |
| 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 | 06_mm   | 08_mm         |
| Nominal current single contact           | 075_a   | iec_60512_5_2 |
| Nominal current insert                   | 5,625 A | vde_0298_4    |
| Test voltage                             | 1_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

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

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ul\_text  
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