

**K31F1C-P07LFG0-4000**  
**series\_f, type\_k3**



**General information**

<b>Part number</b>	K31F1C-P07LFG0-4000
<b>Termination</b>	solder
<b>Size</b>	1
<b>Locking principle</b>	break , push
<b>Coding</b>	1_halfshell
<b>Cable Diameter</b>	cable_mini_40
<b>Cable outlet</b>	standard



**Contact insert description**

<b>Number of contacts</b>	7
<b>Contact type</b>	sockets
<b>Contact diameter</b>	07mm
<b>Insulator material</b>	peek
<b>Wire cross section</b>	22_awg
<b>Termination</b>	solder
<b>Termination diameter</b>	085mm

reverse\_gender\_on\_request

**Technical information**

<b>Max. creepage and air clearance distance</b>	06_mm	08_mm
<b>Nominal current single contact</b>	075_a	iec_60512_5_2
<b>Nominal current insert</b>	4,875 A	vde_0298_4
<b>Test voltage</b>	1_kv_ac	sae_13441

safety\_text

**Mechanical and environmental data**

<b>Degree of protection*</b>	ip68
<b>Operating temperature</b>	40_120_c
<b>Mating cycles</b>	5000

mated

## Material and surface treatments

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

safety\_text\_2  
ul\_text  
illustrative\_text