

G12LOC-P05LPH0-0000  
series\_l  
type\_g1



General information

|                   |                     |
|-------------------|---------------------|
| Part number       | G12LOC-P05LPH0-0000 |
| Termination       | solder              |
| Size              | 2                   |
| Locking principle | break , push        |
| Coding            | 0_key               |



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

**CODING:** 0°

**POSITIONS:** 5 Positions

**PANEL CUT OUT:**

**DIMENSIONS:**

The pin layout corresponds to the view on the termination area

Contact insert description

|                      |         |
|----------------------|---------|
| Number of contacts   | 5       |
| 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 | 16_mm    | 17_mm         |
| Nominal current single contact           | 12_a     | iec_60512_5_2 |
| Nominal current insert                   | 9 A      | vde_0298_4    |
| Test voltage                             | 18_kv_ac | sae_13441     |

safety\_text

Mechanical and environmental data

|                       |          |
|-----------------------|----------|
| Degree of protection* | ip50     |
| Operating temperature | 40_120_c |
| Mating cycles         | 5000     |

mated\_unmated

Material and surface treatments

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

safety\_text\_2  
ul\_text  
illustrative\_text