

## General information

|                   |                     |
|-------------------|---------------------|
| Part number       | AA1LOC-P05MJG0-0000 |
| Termination       | solder              |
| Size              | 1                   |
| Locking principle | break               |
| Coding            | 0_key               |
| Cable outlet      | standard            |



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



The pin layout corresponds to the view on the termination area

## Contact insert description

|                      |        |
|----------------------|--------|
| Number of contacts   | 5      |
| Contact type         | pins   |
| Contact diameter     | 09mm   |
| 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 | 09_mm     | 12_mm         |
| Nominal current single contact           | 075_a     | iec_60512_5_2 |
| Nominal current insert                   | 5,625 A   | vde_0298_4    |
| Test voltage                             | 135_kv_ac | sae_13441     |

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## Mechanical and environmental data

|                       |      |
|-----------------------|------|
| Degree of protection* | ip50 |
|-----------------------|------|

|                       |          |
|-----------------------|----------|
| Operating temperature | 40_120_c |
|-----------------------|----------|

|               |      |
|---------------|------|
| Mating cycles | 5000 |
|---------------|------|

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## Material and surface treatments

|         |          |
|---------|----------|
| Housing | m_chrome |
|---------|----------|

|         |               |
|---------|---------------|
| Contact | cu_alloy_gold |
|---------|---------------|

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illustrative\_text