

General information

|                   |                     |
|-------------------|---------------------|
| Part number       | S20LAC-P05MFG0-520S |
| Termination       | solder              |
| Size              | 0                   |
| Locking principle | push                |
| Coding            | a_key               |
| Cable Diameter    | cable_mini_52       |
| Cable outlet      | bend_relief         |



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

**CODING:** 30 °

**POSITIONS:** 5 Positions

**DIMENSIONS**

The pin layout corresponds to the view on the termination area

Contact insert description

|                      |        |
|----------------------|--------|
| Number of contacts   | 5      |
| Contact type         | pins   |
| 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 | 05_mm    | 06_mm         |
| Nominal current single contact           | 075_a    | iec_60512_5_2 |
| Nominal current insert                   | 5,625 A  | vde_0298_4    |
| Test voltage                             | 06_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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