

General information

|                   |                     |
|-------------------|---------------------|
| Part number       | S20KAC-P05MFG0-300S |
| Termination       | solder              |
| Size              | 0                   |
| Locking principle | push                |
| Coding            | a_key               |
| Cable Diameter    | cable_mini_30       |
| Cable outlet      | bend_relief         |



CODING: 30°

POSITIONS: 5 Positions

DIMENSIONS

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    | 05_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* | 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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