

General information

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|-------------------|---------------------|
| Part number | S31BAC-P08MFG0-6500 |
| Termination | solder |
| Size | 1 |
| Locking principle | push |
| Coding | a_key |
| Cable Diameter | cable_mini_65 |
| Cable outlet | standard |



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

CODING: 30°

POSITIONS: 8 Positions

DIMENSIONS:

The pin layout corresponds to the view on the termination area

Contact insert description

| | |
|----------------------|--------|
| Number of contacts | 8 |
| 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 | 04_mm | 09_mm |
| Nominal current single contact | 075_a | iec_60512_5_2 |
| Nominal current insert | 4,875 A | vde_0298_4 |
| Test voltage | 09_kv_ac | sae_13441 |

safety_text

Mechanical and environmental data

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| Degree of protection* | ip68 |
|-----------------------|------|

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

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

mated

Material and surface treatments

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

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

safety_text_2

ul_text

illustrative_text