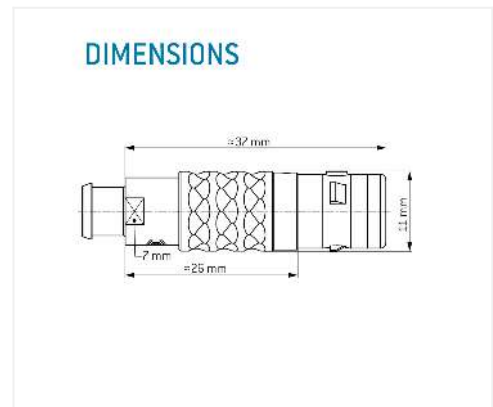


S20KAC-P05MFG0-250S
series_k, type_s2



General information

| | |
|--------------------------|---------------------|
| Part number | S20KAC-P05MFG0-250S |
| Termination | solder |
| Size | 0 |
| Locking principle | push |
| Coding | a_key |
| Cable Diameter | cable_mini_25 |
| Cable outlet | bend_relief |



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 |

safety_text

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 |
|---------|---------------|

safety_text_2

ul_text

illustrative_text