

**A22LOC-P05MPHO-820S**  
 series\_l  
 type\_a2

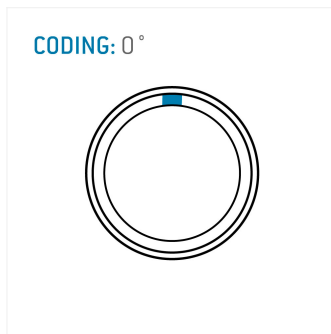


**General information**

|                          |                     |
|--------------------------|---------------------|
| <b>Part number</b>       | A22LOC-P05MPHO-820S |
| <b>Termination</b>       | solder              |
| <b>Size</b>              | 2                   |
| <b>Locking principle</b> | break               |
| <b>Coding</b>            | 0_key               |
| <b>Cable Diameter</b>    | cable_mini_82       |
| <b>Cable outlet</b>      | bend_relief         |



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**

|                             |        |
|-----------------------------|--------|
| <b>Number of contacts</b>   | 5      |
| <b>Contact type</b>         | pins   |
| <b>Contact diameter</b>     | 13mm   |
| <b>Insulator material</b>   | peek   |
| <b>Wire cross section</b>   | 20_awg |
| <b>Termination</b>          | solder |
| <b>Termination diameter</b> | 11mm   |

reverse\_gender\_on\_request

**Technical information**

|   |          |               |
|---|----------|---------------|
| <b>Max. creepage and air clearance distance</b> | 16_mm    | 17_mm         |
| <b>Nominal current single contact</b>           | 12_a     | iec_60512_5_2 |
| <b>Nominal current insert</b>                   | 9 A      | vde_0298_4    |
| <b>Test voltage</b>                             | 18_kv_ac | sae_13441     |

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## Mechanical and environmental data

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

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

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

mated\_unmated

## Material and surface treatments

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

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

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ul\_text

illustrative\_text