

**S31BOC-P08MFD0-5000**  
**series\_b, type\_s3**



**General information**

|                          |                     |
|--------------------------|---------------------|
| <b>Part number</b>       | S31BOC-P08MFD0-5000 |
| <b>Termination</b>       | solder              |
| <b>Size</b>              | 1                   |
| <b>Locking principle</b> | push                |
| <b>Coding</b>            | 0_key               |
| <b>Cable Diameter</b>    | cable_mini_50       |
| <b>Cable outlet</b>      | standard            |



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

**CODING:** 0°

**POSITIONS:** 8 Positions

**DIMENSIONS:**

The pin layout corresponds to the view on the termination area

**Contact insert description**

|                             |        |
|-----------------------------|--------|
| <b>Number of contacts</b>   | 8      |
| <b>Contact type</b>         | pins   |
| <b>Contact diameter</b>     | 07mm   |
| <b>Insulator material</b>   | peek   |
| <b>Wire cross section</b>   | 26_awg |
| <b>Termination</b>          | solder |
| <b>Termination diameter</b> | 06mm   |

reverse\_gender\_on\_request

**Technical information**

|   |         |               |
|---|---------|---------------|
| <b>Max. creepage and air clearance distance</b> | 06_mm   | 11_mm         |
| <b>Nominal current single contact</b>           | 06_a    | iec_60512_5_2 |
| <b>Nominal current insert</b>                   | 3,9 A   | vde_0298_4    |
| <b>Test voltage</b>                             | 1_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

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[ODU:](#)

[S31B0C-P08MFD0-5000](#)