



General information

|                   |                     |
|-------------------|---------------------|
| Part number       | G83LOC-P20QF00-0000 |
| Termination       | pcb                 |
| Size              | 3                   |
| Locking principle | break , push        |
| Coding            | 0_key               |



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

|                      |         |
|----------------------|---------|
| Number of contacts   | 20      |
| Contact type         | sockets |
| Contact diameter     | 07mm    |
| Insulator material   | peek    |
| Termination          | pcb     |
| Termination diameter | 05mm    |

reverse\_gender\_on\_request

Technical information

|                                          |          |               |
|------------------------------------------|----------|---------------|
| Max. creepage and air clearance distance | 10_mm    | 14_mm         |
| Nominal current single contact           | 06_a     | iec_60512_5_2 |
| Nominal current insert                   | 2,7 A    | vde_0298_4    |
| Test voltage                             | 11_kv_ac | sae_13441     |

safety\_text

Mechanical and environmental data

|                       |          |
|-----------------------|----------|
| Degree of protection* | ip68     |
| Operating temperature | 40_120_c |
| Mating cycles         | 5000     |

unmated

**Material and surface treatments**

|         |               |
|---------|---------------|
| Housing | m_chrome      |
| Contact | cu_alloy_gold |

safety\_text\_2  
ul\_text  
illustrative\_text