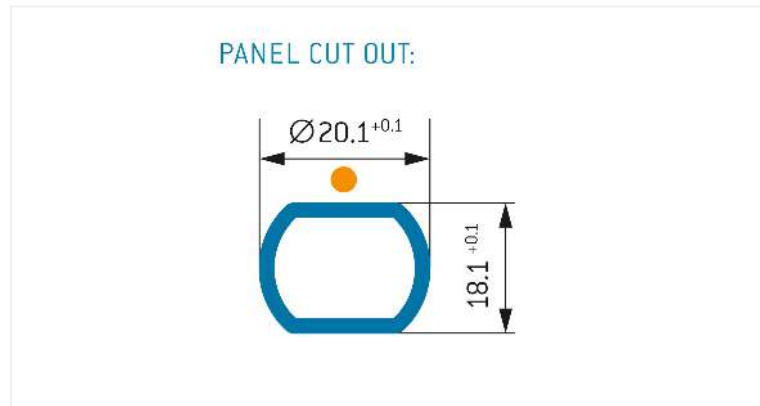
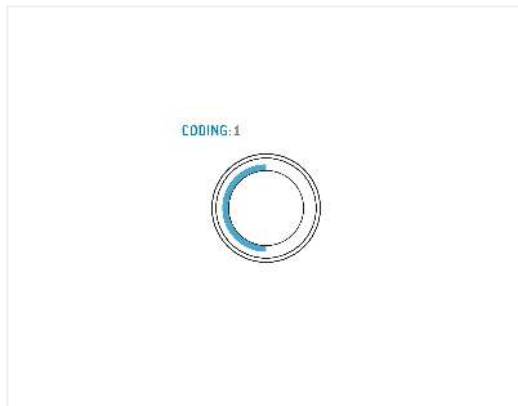


General information

| | |
|-------------------|---------------------|
| Part number | G83F1C-P02MVT0-0000 |
| Termination | solder |
| Size | 3 |
| Locking principle | break , push |
| Coding | 1_halfshell |



Contact insert description

| | |
|----------------------|--------|
| Number of contacts | 2 |
| Contact type | pins |
| Contact diameter | 30mm |
| Insulator material | peek |
| Wire cross section | 10_awg |
| Termination | solder |
| Termination diameter | 27mm |

reverse_gender_on_request

Technical information

| | | |
|--|----------|---------------|
| Max. creepage and air clearance distance | 17_mm | 14_mm |
| Nominal current single contact | 32_a | iec_60512_5_2 |
| Nominal current insert | 32 A | vde_0298_4 |
| Test voltage | 18_kv_ac | sae_13441 |

safety_text

Mechanical and environmental data

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

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

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

mated_unmated

Material and surface treatments

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

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

safety_text_2

ul_text

illustrative_text