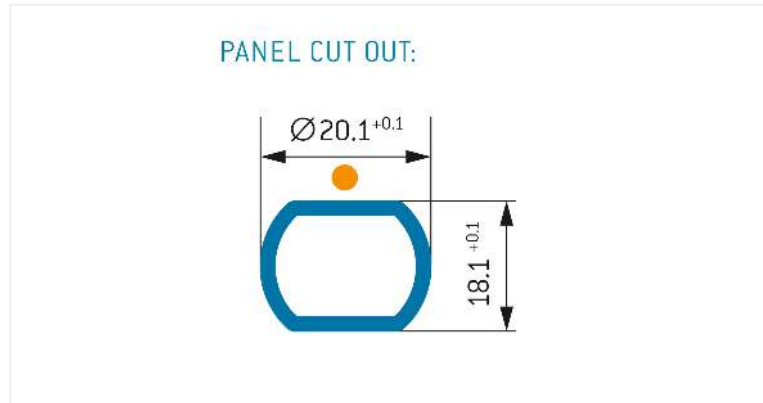
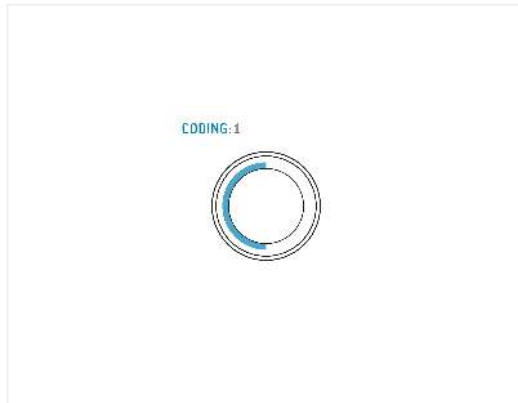


## General information

Part number	G83F1C-P02LVT0-0000
Termination	solder
Size	3
Locking principle	break, push
Coding	1_halfshell



## Contact insert description

Number of contacts	2
Contact type	sockets
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