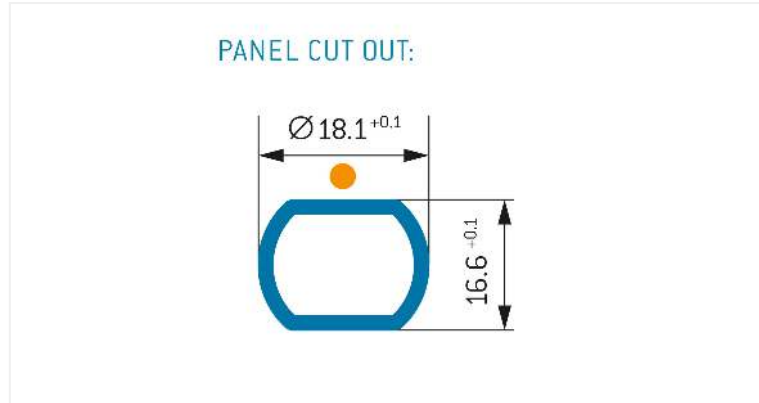
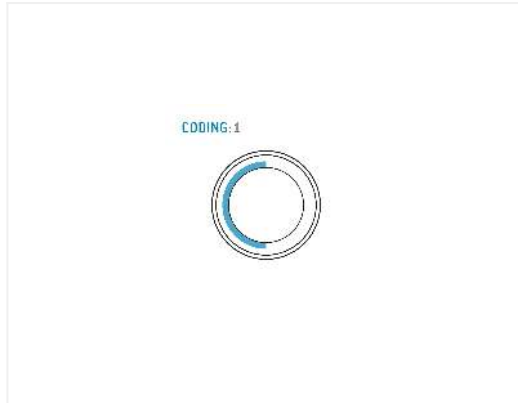


**G53F1C-P12LPH0-0000**  
**series\_f, type\_g5**



**General information**

<b>Part number</b>	G53F1C-P12LPH0-0000
<b>Termination</b>	solder
<b>Size</b>	3
<b>Locking principle</b>	break , push
<b>Coding</b>	1_halfshell



**Contact insert description**

<b>Number of contacts</b>	12
<b>Contact type</b>	sockets
<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>	10_mm	09_mm
<b>Nominal current single contact</b>	12_a	iec_60512_5_2
<b>Nominal current insert</b>	6,6 A	vde_0298_4
<b>Test voltage</b>	135_kv_ac	sae_13441

safety\_text

## Mechanical and environmental data

Degree of protection*	ip50
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Operating temperature	40_120_c
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Mating cycles	5000
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mated\_unmated

## Material and surface treatments

Housing	m_chrome
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Contact	cu_alloy_gold
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safety\_text\_2

ul\_text

illustrative\_text