

## S20K0C-P04MFD0-450S

odu\_mini\_snap®\_series\_k

### straight\_push\_pull\_plug\_for\_bend\_relief

size: 0, IP68, keying: 0, number\_of\_contacts: 4, solder\_cup, contact\_type: pins, Ethernet/IP® (100 Mbit/s)



#### Basic information

Part number	S20K0C-P04MFD0-450S
Category	connector
Type of connector	plug
Assembly situation	straight

#### Contact insert description

Special features	data_transmission
Transmission type	Ethernet/IP® (100 Mbit/s)
Number of contacts	4
Contact type	pins
Contact diameter	0.7 mm
Termination type	solder_cup
Termination diameter	0.65 mm
Wire cross section AWG	AWG 26

#### Technical information

Nominal current single contact	6 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Max. current insert	6	VDE 0298-4:2003
Test voltage	0.9 kV AC	SAE AS 13441:1998 method 3001.1
Max. creepage distance (contact to contact)	0.8 mm (Contact to housing)	
Max. creepage distance (contact to housing)	0.8 mm (Contact to housing)	
Max. clearance distance (contact to contact)	0.8 mm (Contact to contact)	
Max. clearance distance (contact to housing)	0.8 mm (Contact to housing)	

#### Cable description

Cable outlet	cable_bend_relief
Min. cable diameter	4
Max. cable diameter	4.5

## Mechanical and environmental data

<b>Locking principle</b>	push_pull
<b>Mating cycles</b>	5000
<b>IP class</b>	IP68
<b>Max. operating temperature</b>	120 °C
<b>Min. operating temperature</b>	-40 °C

ip\_protection\_class\_refers\_to\_mated\_condition

## Material and surface treatments

<b>Material</b>	cu_alloy_with_matt_chrome_finish
<b>Insulator material</b>	peek
<b>Contact material</b>	cu_alloy_with_gold_finish

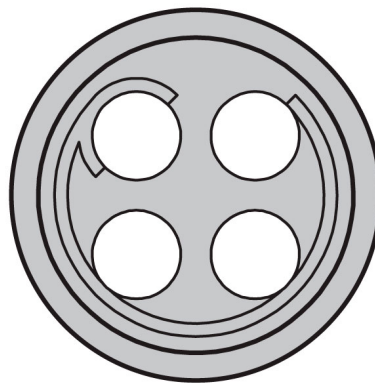
## DIMENSIONS



## CODING: 0°



## POSITIONS: 4 Positions



### Further technical information and downloads

Connection diagram

[connection\\_diagram\\_4\\_pin\\_ethernet\\_100Mbps\\_rj45](#)

[3D-File \(STP File\)](#)

[Assembly Instruction](#)

[Technical specifications](#)