

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

size: 1, IP68, keying: 0, number\_of\_contacts: 8, solder\_cup, contact\_type: pins, Ethernet/IP® (1 Gbit/s)



### Basic information

Part number	S21K0C-PD8MCD0-700S
Category	connector
Type of connector	plug
Assembly situation	straight
Size	1

### Contact insert description

Special features	data_transmission
Transmission type	Ethernet/IP® (1 Gbit/s)
Number of contacts	8
Contact type	pins
Contact diameter	0.5 mm
Termination type	solder_cup
Termination diameter	0.65 mm
Wire cross section AWG	AWG 26

### Technical information

Nominal current single contact	5 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Max. current insert	2.6	VDE 0298-4:2003
Test voltage	750 V	SAE AS 13441:1998 method 3001.1
Max. creepage distance (contact to contact)	0.5 mm (Contact to housing)	
Max. creepage distance (contact to housing)	0.7 mm (Contact to housing)	
Max. clearance distance (contact to contact)	0.5 mm (Contact to contact)	
Max. clearance distance (contact to housing)	0.7 mm (Contact to housing)	

## Cable description

<b>Cable outlet</b>	cable_bend_relief
<b>Min. cable diameter</b>	6.5
<b>Max. cable diameter</b>	7

## Mechanical and environmental data

<b>Locking principle</b>	push_pull
<b>Mating cycles</b>	5.000
<b>IP class</b>	IP68
<b>Max. operating temperature</b>	120 °C
<b>Min. operating temperature</b>	-40 °C
<b>Weight</b>	22.31 g

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

## Material and surface treatments

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

## Graphics and technical drawings

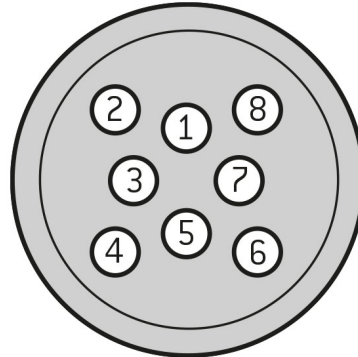
### DIMENSIONS



### CODING: 0°



### POSITIONS: 8 positions



## Further technical information and downloads

[Connection diagram](#)

[connection\\_diagram\\_8\\_pin\\_ethernet\\_1gbs\\_10gbs\\_rj45](#)

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

[Assembly Instruction](#)

[Technical specifications](#)