

straight_push_pull_plug_for_bend_relief

size: 2, IP68, keying: 0, number_of_contacts: 4, solder_cup, contact_type: sockets, Ethernet/IP® (100 Mbit/s)



Basic information

Part number	S42B0C-P04LPN0-350S
Category	connector
Type of connector	plug
Assembly situation	straight
Size	2

Contact insert description

Special features	data_transmission
Transmission type	Ethernet/IP® (100 Mbit/s)
Number of contacts	4
Contact type	sockets
Contact diameter	1.3 mm
Termination type	solder_cup
Termination diameter	1.4 mm
Wire cross section AWG	AWG 18

Technical information

Max. current single contact	15 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Max. current insert	15	VDE 0298-4:2003
Test voltage	1.8 kV AC	SAE AS 13441:1998 method 3001.1
Max. creepage distance (contact to contact)	1.5 mm (Contact to housing)	
Max. creepage distance (contact to housing)	1.3 mm (Contact to housing)	
Max. clearance distance (contact to contact)	1.5 mm (Contact to contact)	
Max. clearance distance (contact to housing)	1.3 mm (Contact to housing)	

Cable description

Cable outlet	cable_bend_relief
Min. cable diameter	3
Max. cable diameter	3.5

Mechanical and environmental data

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

ip_protection_class_refers_to_mated_condition

Material and surface treatments

Material	cu_alloy_with_matt_chrome_finish
Insulator material	peek
Contact material	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](#)