

straight_push_pull_plug_for_backshell

size: 9 [STD 38999], IP6K8 / IP6K9K, keying: a, number_of_contacts: 8, crimp, contact_type: pins, Ethernet/IP® [10 Gbit/s]



Basic information

Part number	SBTAAT0-ED08PN-0000
Category	connector
Type of connector	plug
Assembly situation	straight
Size	9 [STD 38999]

Contact insert description

Special features	data_transmission
Transmission type	Ethernet/IP® [10 Gbit/s]
Number of contacts	8
Contact type	pins
Contact diameter	0.76 mm
Termination type	crimp
Wire cross section AWG	AWG 22 – 26

Crimp contacts

Please refer to the installed contacts for the correct crimp settings and the tools to be used.

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Technical information

Nominal current single contact	5 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Test voltage	0.75 kV AC	EIA-364-20F:2019-02

Cable description

Cable outlet	backshell
Min. cable diameter	3
Max. cable diameter	7.6

Mechanical and environmental data

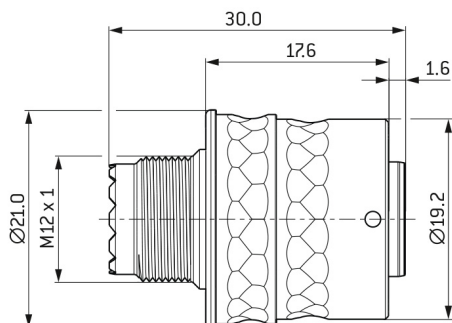
Locking principle	push_pull
Keying	a
Mating cycles	500
IP class	IP6K8 / IP6K9K
Max. operating temperature	175 °C
Min. operating temperature	-65 °C
Weight	10.3 g

ip_protection_class_refers_to_mated_condition

Material and surface treatments

Material	aluminum_with_tin_nickel_finish
Contact material	cu_alloy_with_gold_finish

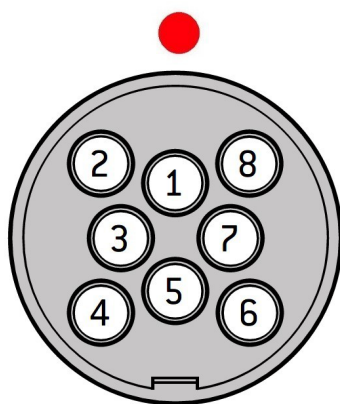
DIMENSIONS:



CODING:A



POSITIONS: 8 positions



Further technical information and downloads

Connection diagram

[connection_diagram_8_pin_ethernet_1gbs_10gbs_rj45](#)

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

[Assembly Instruction](#)