

receptacle_with_break_away_and_push_pull_locking_for_rear_panel_mounting

size: 3, IP6K8 / IP6K9K, keying: b, number_of_contacts: 37, solder_cup, contact_type: sockets, Signal



Basic information

Part number	G83YBR-P37WCD0-000L
Category	connector
Type of connector	receptacle
Assembly situation	rear_panel_mounting
Size	4e0740

Contact insert description

Transmission type	Signal
Number of contacts	37
Contact type	sockets
Contact diameter	88d6d3
Termination type	solder_cup
Termination diameter	1d7c76
Wire cross section AWG	562f2b

Technical information

Max. current single contact	2f071a	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Test voltage	0.9 kV AC	EIA-364-20F:2019-02

Mechanical and environmental data

Locking principle	break_away , push_pull
Keying	b
Mating cycles	9e1839
IP class	IP6K8 / IP6K9K
Max. operating temperature	125 °C
Min. operating temperature	-51 °C
Tightening torque	5.5 Nm
Weight	20.64 g

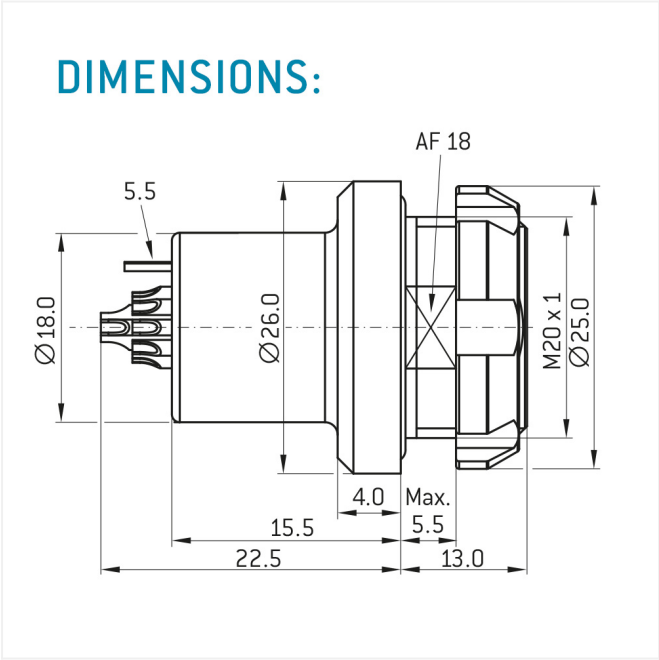
ip_protection_class_refers_to_mated_condition

Material and surface treatments

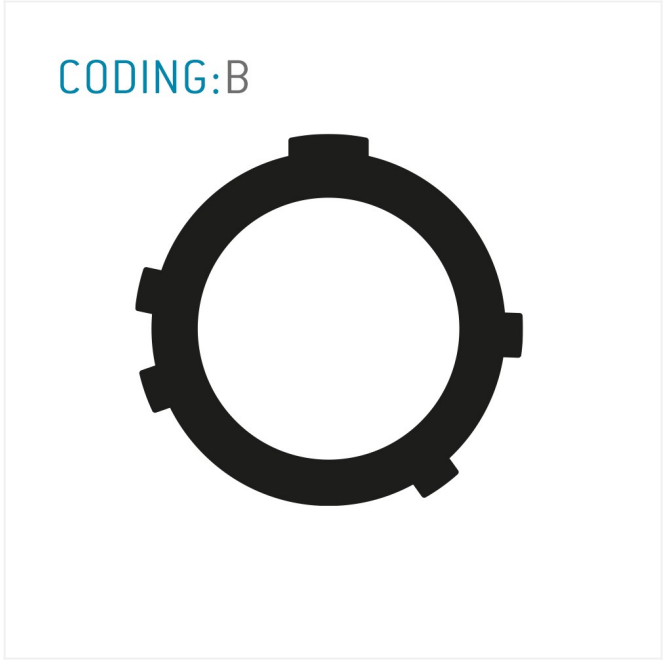
Material	aluminum_with_ruthenium_finish
Contact material	gold

Graphics and technical drawings

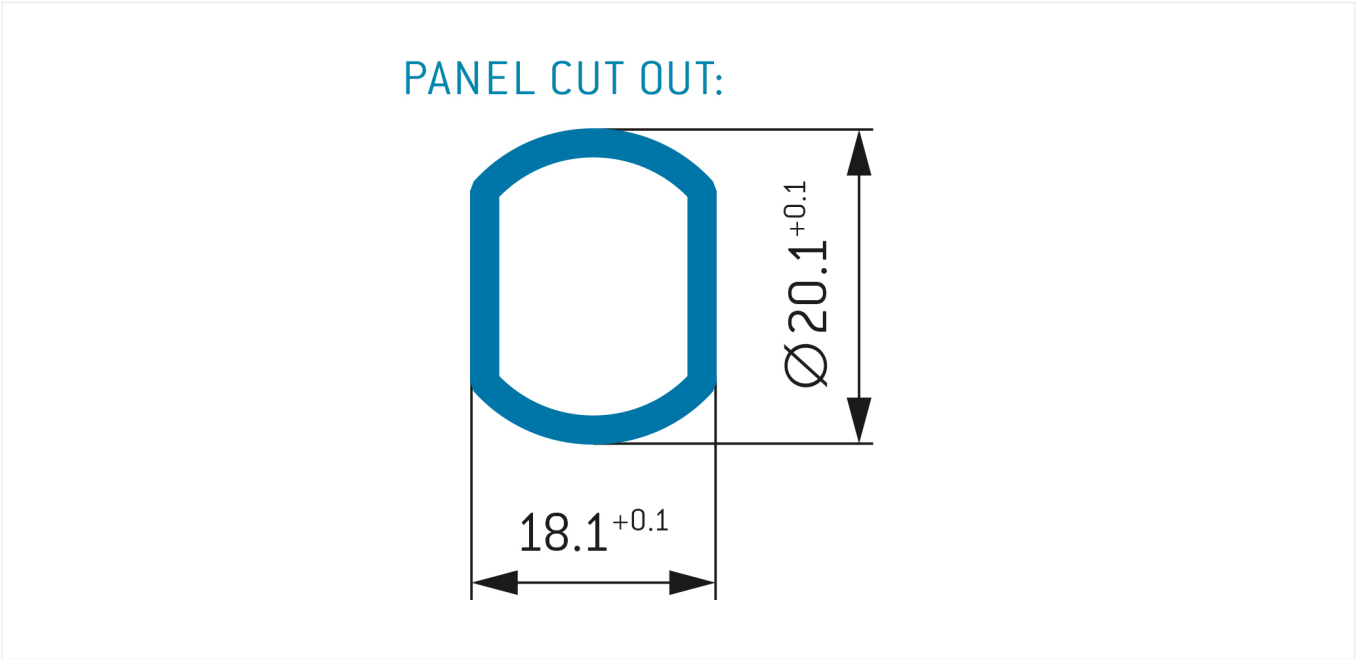
DIMENSIONS:



CODING:B



PANEL CUT OUT:



Further technical information and downloads

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

[Assembly Instruction](#)