

receptacle_with_screw_lock_for_rear_panel_mounting

size_1_ip6k8_ip6k9k_coding_b_red_20_contacts_sockets_solder_cup_data_transmission_and_high_power_ethernet®_1_gbits_+_power



Basic information

Part number	GC1WBM-P20WMM0-000L
Category	connector
Type of connector	receptacle
Assembly situation	rear_panel_mounting
Size	6b86b2

Contact insert description

Special features	data_transmission
Number of contacts	20
Contact type	sockets
Contact diameter	32d64f
Termination type	solder_cup
Termination diameter	08561d
Wire cross section AWG	2e1a8b

Technical information

Max. current single contact	621c7f	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Test voltage	0.75 kV DC	EIA-364-20F:2019-02

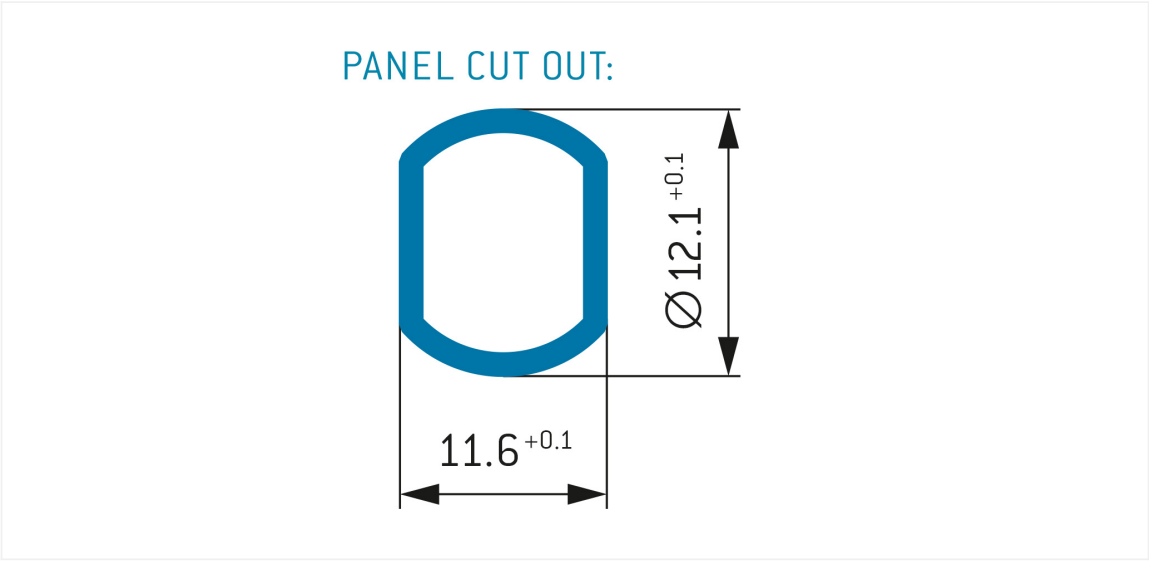
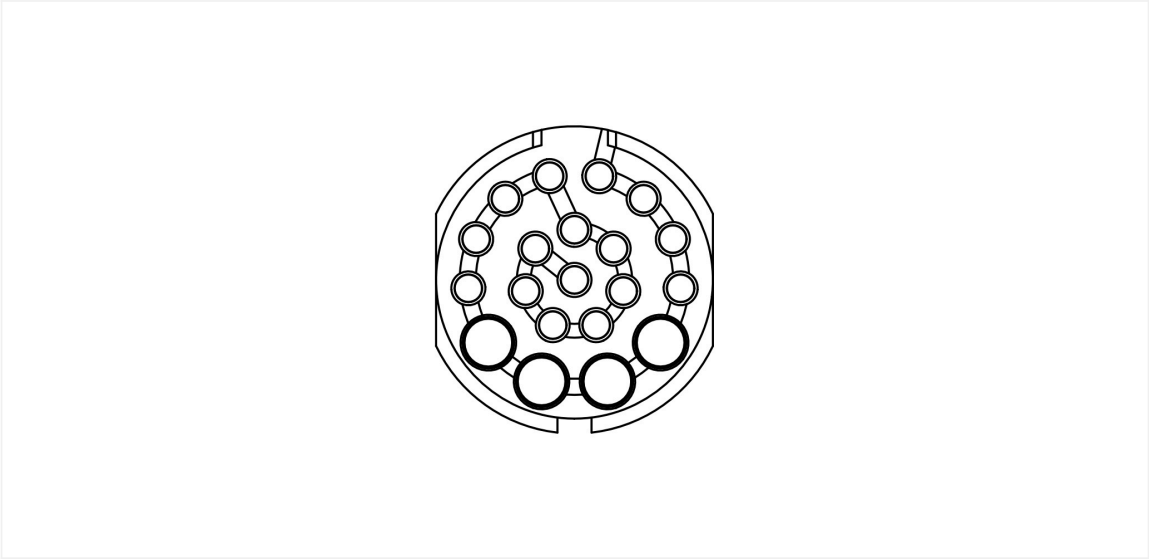
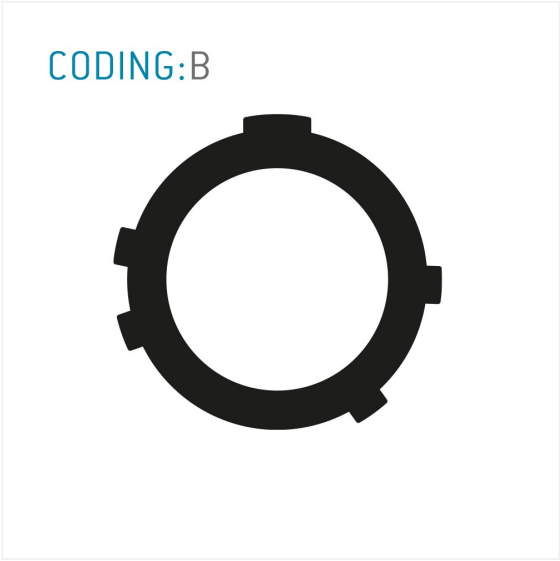
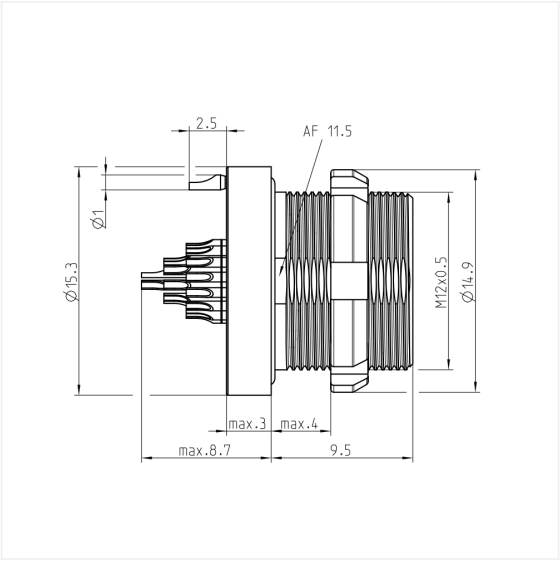
Mechanical and environmental data

Locking principle	screw_lock
Keying	b
Mating cycles	9e1839
IP class	IP68 / IP6K9K
Max. operating temperature	125 °C
Min. operating temperature	-51 °C
Tightening torque	1 Nm
Weight	7.5 g

ip_protection_class_refers_to_mated_condition

Material and surface treatments

Material	cu_alloy_with_ruthenium_finish
Contact material	gold



Further technical information and downloads

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

[Technical specifications](#)