

receptacle_with_break_away_locking_for_rear_panel_mounting

size: 1, IP6K8 / IP6K9K, keying: b, number_of_contacts: 10, solder_cup, contact_type: pogo_pins, Signal

**Basic information**

Part number	GK1YBR-P10XDD0-R00L
Category	connector
Type of connector	receptacle
Assembly situation	rear_panel_mounting
Size	6b86b2

Contact insert description

Transmission type	Signal
Number of contacts	10
Contact type	pogo_pins
Contact diameter	e40347
Termination type	solder_cup
Termination diameter	1d7c76
Wire cross section AWG	562f2b

Technical information

Max. current single contact	3a6630	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Max. current insert	1.1	VDE 0298-4:2003
Test voltage	0.6 kV AC	EIA-364-20F:2019-02

Mechanical and environmental data

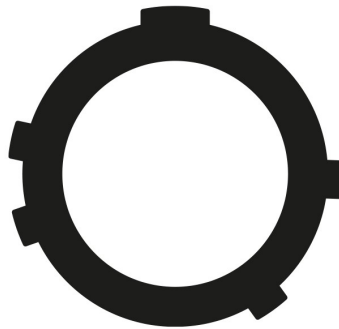
Locking principle	break_away
Keying	b
Mating cycles	0f8eb4
IP class	IP6K8 / IP6K9K
Max. operating temperature	125 °C
Min. operating temperature	-51 °C
Tightening torque	3 Nm

ip_protection_class_refers_to_mated_condition

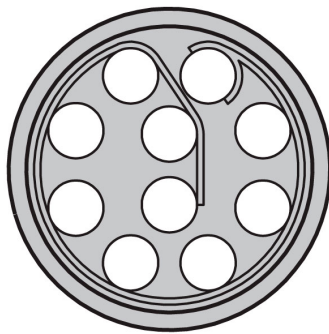
Material and surface treatments

Material	cu_alloy_with_ruthenium_finish
Insulator material	peek
Contact material	cu_alloy_with_gold_finish

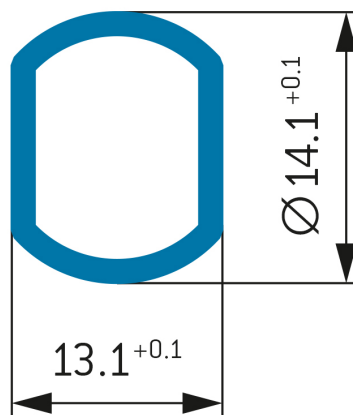
CODING: B



POSITIONS: 10 Positions



PANEL CUT OUT:



Further technical information and downloads

[Assembly Instruction](#)