

receptacle_with_break_away_locking_for_rear_panel_mounting

size: 1, IP6K8 / IP6K9K, keying: b, number_of_contacts: 16, pcb, contact_type: sockets, Signal

**Basic information**

Part number	GK1YBR-P16UC00-000L
Category	connector
Type of connector	receptacle
Assembly situation	rear_panel_mounting
Size	6b86b2

Contact insert description

Transmission type	Signal
Number of contacts	16
Contact type	sockets
Contact diameter	88d6d3
Termination type	pcb
Termination diameter	88d6d3

Technical information

Max. current single contact	2f071a	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Max. current insert	2.5	VDE 0298-4:2003
Test voltage	0.6 kV AC	EIA-364-20F:2019-02

Mechanical and environmental data

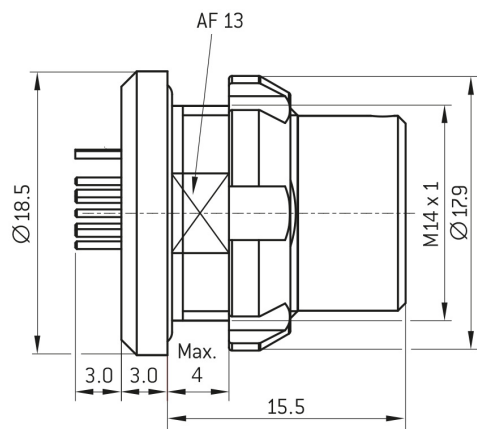
Locking principle	break_away , push_pull
Keying	b
Mating cycles	9e1839
IP class	IP6K8 / IP6K9K
Max. operating temperature	125 °C
Min. operating temperature	-51 °C
Tightening torque	3 Nm
Weight	7.8 g

ip_protection_class_refers_to_mated_condition

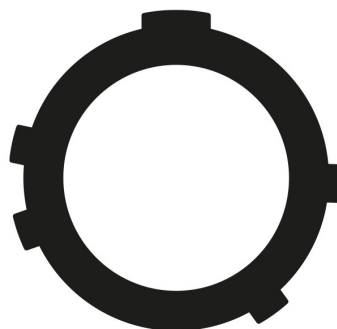
Material and surface treatments

Material	aluminum_with_ruthenium_finish
Contact material	gold

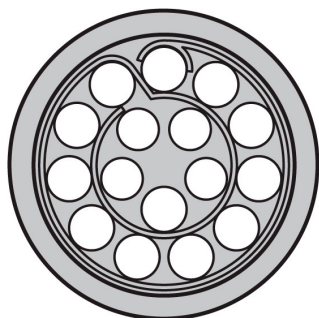
DIMENSIONS:



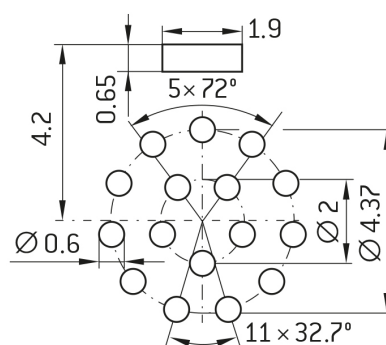
CODING:B



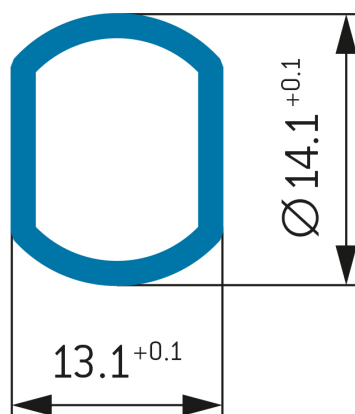
POSITIONS: 16 Positions



PCB-LAYOUT:



PANEL CUT OUT:



Further technical information and downloads

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

[Assembly Instruction](#)