

receptacle_with_break_away_and_push_pull_locking_for_rear_panel_mounting

size: 2, IP6K8 / IP6K9K, keying: b, number_of_contacts: 16, pcb, contact_type: sockets, HDMI® 1.4 {10.2 Gbit/s}



Basic information

Part number	G82YBR-P16UC00-000L
Category	connector
Type of connector	receptacle
Assembly situation	rear_panel_mounting
Size	d4735e

Contact insert description

Special features	data_transmission
Transmission type	HDMI® 1.4 {10.2 Gbit/s}
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	1.2 kV AC	EIA-364-20F:2019-02

Mechanical and environmental data

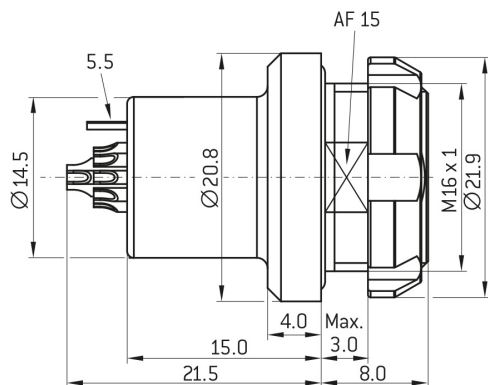
Locking principle	break_away , push_pull
Keying	b
Mating cycles	9e1839
IP class	IP6K8 / IP6K9K
Max. operating temperature	125 °C
Min. operating temperature	-51 °C
Tightening torque	4 Nm
Weight	11.5 g

ip_protection_class_refers_to_mated_condition

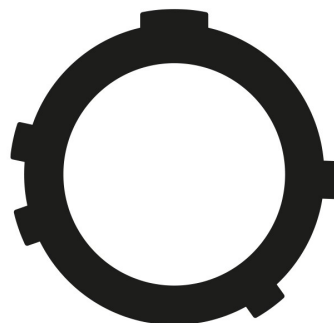
Material and surface treatments

Material	aluminum_with_ruthenium_finish
Contact material	gold

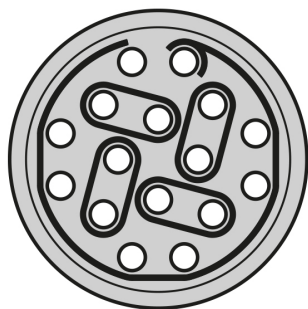
DIMENSIONS:



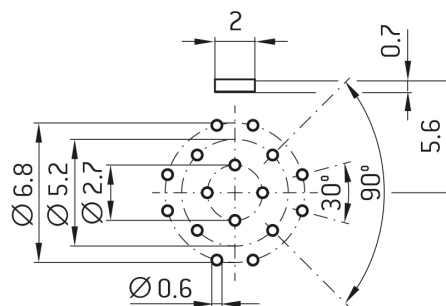
CODING: B



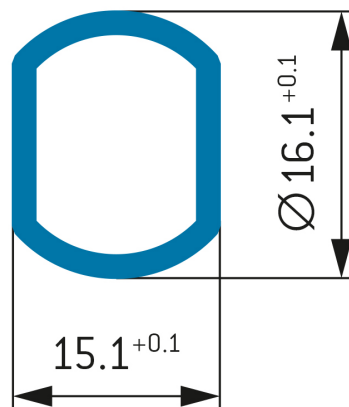
POSITIONS: 16 positions



PCB-LAYOUT:



PANEL CUT OUT:



Further technical information and downloads

Connection diagram	connection_diagram_16_pin_hdmi_1_4_typ_a
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[3D-File \(STP File\)](#)

Assembly Instruction
