

receptacle_with_break_away_locking_for_rear_panel_mounting

size_1_ip6k8_ip6k9k_coding_b_red_27_contacts_sockets_pcb_data_transmission_hdmi®_1.3_8.13_gbits



Basic information

Part number	GK1WBM-P27UB00-000L
Category	connector
Type of connector	receptacle
Assembly situation	rear_panel_mounting
Size	6b86b2

Contact insert description

Special features	data_transmission
Transmission type	HDMI® 1.4 {10.2 Gbit/s}
Number of contacts	27
Contact type	sockets
Contact diameter	886be3
Termination type	pcb
Termination diameter	886be3

Technical information

Max. current single contact	621c7f	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Max. current insert	0.4 A	VDE 0298-4:2013
Test voltage	0.75 kV DC	EIA-364-20F:2019-02

Mechanical and environmental data

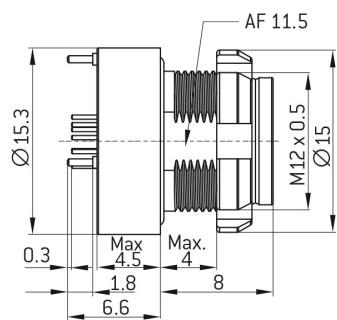
Locking principle	break_away
Keying	b
Mating cycles	9e1839
IP class	IP68 / IP6K9K
Max. operating temperature	125 °C
Min. operating temperature	-51 °C
Tightening torque	1 Nm
Weight	8 g

ip_protection_class_refers_to_mated_condition

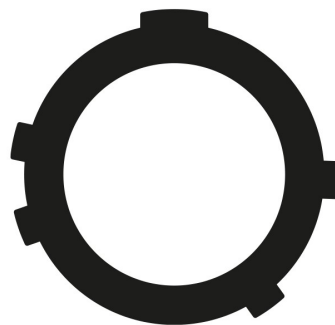
Material and surface treatments

Material	cu_alloy_with_ruthenium_finish
Contact material	gold

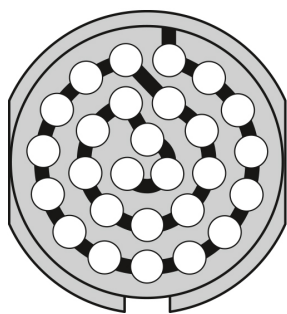
DIMENSIONS:



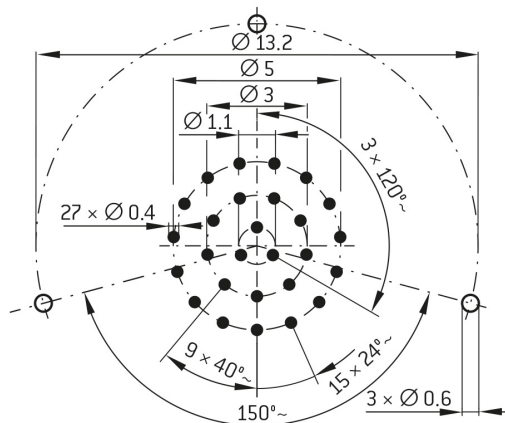
CODING: B



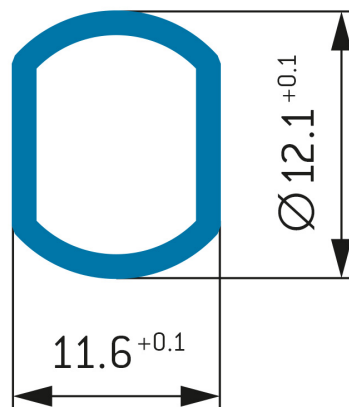
POSITIONS: 27 positions



PCB-LAYOUT:



PANEL CUT OUT:



Further technical information and downloads

Connection diagram	connection_diagram_27_pin_hdmi_1_4_typ_a
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[3D-File \(STP File\)](#)

Technical specifications
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