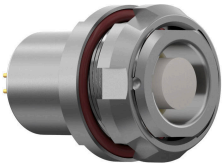
G82B0C-P14LFG0-0000

ODU MINI-SNAP® Series B

Receptacle for rear panel mounting

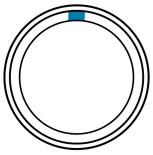
General information

Part number	G82B0C-P14LFG0-0000
Termination	Solder
Size	2
Locking principle	Break-Away , Push-Pull
Coding	0°

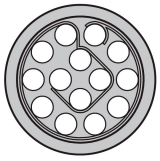


Illustrations may differ from original product.
Dimensions, unless otherwise specified, in mm.

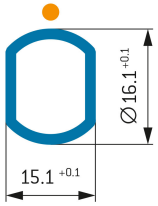
CODING: 0 °



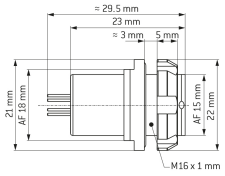
POSITIONS: 14 Positions



PANEL CUT OUT:



DIMENSIONS:



The pin layout corresponds to the view on the termination area

Contact insert description

Number of contacts	14
Contact type	Sockets
Contact diameter	0.7 mm
Insulator material	PEEK
Wire cross section	AWG 22
Termination	Solder
Termination diameter	0.85 mm

Reverse gender on request

Technical information

Max. creepage and air clearance distance	0.7 mm (Contact to contact)	1 mm (Contact to housing)
Nominal current single contact	7.5 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Nominal current insert	3,75 A	VDE 0298-4:2003
Test voltage	1.1 kV AC	SAE AS 13441:1998 method 3001.1

All shown connectors are rated to a safety extra low voltage (SELV) of less than 50 V AC / 75 V DC, according to IEC 61140:2016 (VDE 0140-1:2016) Protection against electric shock - Common aspects for installation and equipment. In case other standards rule a specific use of the connector, the application specific safety criteria shall be considered first. In this context, lower voltage ratings may be valid. Warning: Danger to life for operating voltages above 50 V AC / 120 V DC!

Mechanical and environmental data

Degree of protection*	IP68
Operating temperature	-40 °C – 120 °C
Mating cycles	5000

*mated & unmated condition

Material and surface treatments

Housing	Cu-alloy with matt chrome finish
Contact	Cu-alloy with gold finish

All shown connectors are defined without breaking capacity (COC) according to IEC 61984:2008 (VDE 0627:2009).
ODU MEDI-SNAP® and MINI-SNAP® are UL-approved (E110586).
ODU reserves the right to make changes based on the current state of knowledge without prior notice without being obliged to provide replacement deliveries or refinements of older designs.

Unikeyic Electronics

Global Electronic Components Distributor

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ODU:

G80YAR-P09UC00-000L K11M07- P06LFD0-5250 S10L0C- P10MCC9-5600 S2CLAC-P02MCC0-2500
S41M07-P08MFG0-397S G51M07- P12LCC9-0070 GK0WBM-P09WMM0-000L K11MA7-P08LFD0-3980
K11YBR-P16XDD0-R000 G51LFC-P10QC00-A000 GC0WAM-PD1UM00-000L K11YAR-P10XDD0-R000
S20K0C-P09MCC0-500S S21K0C-P02MPH0-550S A10WDM-P09XMM0-0000 G11L0C- P08LFG0-0000
S10L0C- P03MJG0-5600 S11MA7-P04MJG0-3950 S11MA7-P06MFD0-6540 GKCWAC-P07QB00-000L
S11MA7-P07MFD0-5230 G51L0C- P02LPH0-0000 K11K0C-P07LFG0-5000 K11M07- P04LJG0-3980
G80YBR-P10WCD0-000L S11MA7-P05MJG0-5240 S21L0C- P04MJG0-720S S11L0C- P04MJG0-4200
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