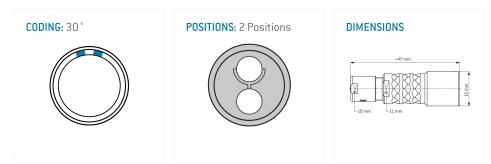
K11KAC-P02LPH0-2500 ODU MINI-SNAP® Series K, In-line receptacle



General information

TerminationSolderSize1Locking principleBreak-Away, Push-PullCoding30°Cable Diameter2-2.5 mmCable outletBack nut	Part number	K11KAC-P02LPH0-2500	
Locking principleBreak-Away, Push-PullCoding30°Cable Diameter2 - 2.5 mm	Termination	Solder	# 17778 A
Coding 30° Illustrations may differ from original product. Dimensions, unless otherwise specified, in mm. Cable Diameter 2 - 2.5 mm	Size	1	- Alaskin - Or
Cable Diameter 2 - 2.5 mm	Locking principle	Break-Away , Push-Pull	
Cable Diameter 2 – 2.5 mm	Coding	30°	
Cable outlet Back nut	Cable Diameter	2 – 2.5 mm	bintensions, diffess otherwise specified, in finiti.
	Cable outlet	Back nut	



The pin layout corresponds to the view on the termination area

Contact insert description

Number of contacts	2
Contact type	Sockets
Contact diameter	1.3 mm
Insulator material	PEEK
Wire cross section	AWG 20
Termination	Solder
Termination diameter	1.1 mm
Termination diameter	1.1 mm

Reverse gender on request

Technical information

Max. creepage and air clearance distance	1.0 mm (Contact to contact)	0.7 mm (Contact to housing)
Nominal current single contact	12 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Nominal current insert	12 A	VDE 0298-4:2003
Test voltage	1.65 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 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.