K16N0P-P06W230-0000

ODU AMC® NP

In-line receptacle

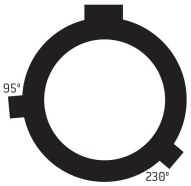
General information

Part number	K16N0P-P06W230-0000
Termination	Solder
Size	6 (STANAG 4695)
Locking principle	Break-Away
Coding	0 - 95°, 230°
Cable Diameter	3 – 6.35 mm
Cable outlet	Overmolding

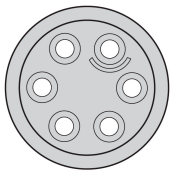


Illustrations may differ from original product.
Dimensions, unless otherwise specified, in mm.

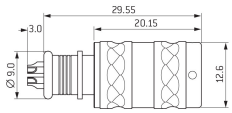
KEYING: 0



POSITIONS: 6 Positions



DIMENSIONS (mm)



The pin layout corresponds to the view on the termination area

Contact insert description

Number of contacts	6
Contact type	Sockets
Contact diameter	0.7 mm
Insulator material	PEEK
Wire cross section	AWG 22
Termination	Solder
Data transmission	USB 2.0 (480 Mbit/s)

Technical information

Nominal current single contact	5 A (7.5 mated with high current contact)	EIA-364-70D
Test voltage	0.75 kV AC	EIA-364-20F:2019-02

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	-18 °C – 71 °C
Mating cycles	2000

*mated condition

Material and surface treatments

Housing	Aluminum with Black Carbon 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 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.