

**G6TAATO-HM18SN-0000**

ODU AMC® Series T

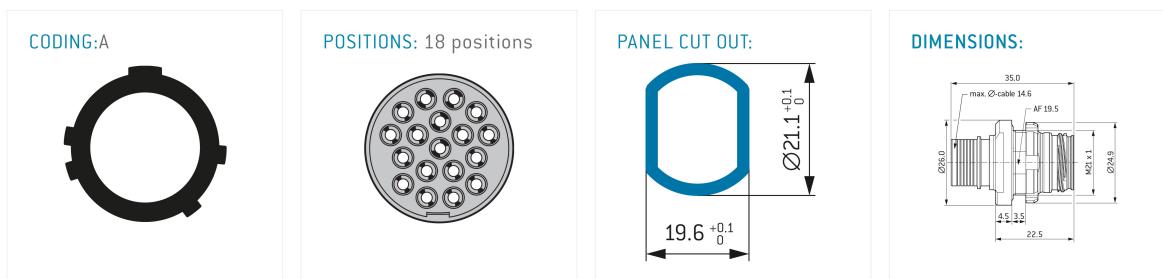
## Receptacle, MIL-DTL-38999



### General information

Part number	G6TAATO-HM18SN-0000	
Termination	Crimp	
Size	12 (STD 38999)	
Locking principle	Break-Away, Push-Pull, Screwlocking	
Coding	A (light brown)	
Cable Diameter	5 – 14.6 mm	
Cable outlet	Overmolding	

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



The pin layout corresponds to the view on the termination area

### Contact insert description

Number of contacts	18
Contact type	Sockets
Contact diameter	4x 0.9 mm; 14x 0.76 mm
Insulator material	PEEK
Wire cross section	AWG 20 – 24; AWG 22 – 26
Termination	Crimp

### Technical information

Nominal current single contact	4x 7.5 A, 14x 5 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Test voltage	4x 1 kV AC, 14x 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*	IP6K8 / IP6K9K
Operating temperature	-65 °C – 175 °C
Mating cycles	500

\*mated condition

## Material and surface treatments

<b>Housing</b>	Aluminum with tin-nickel finish
<b>Contact</b>	Cu-alloy with gold finish

All shown connectors are defined without breaking capacity (COC) according to IEC 61984:2008 (VDE 0627:2009).

The contact arrangement of an ODU data transmission connector differs from a standard data transmission connector due to the robust ODU specific design. However, the ODU design meets the electrical specifications of the respective standard data transmission protocol.

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.