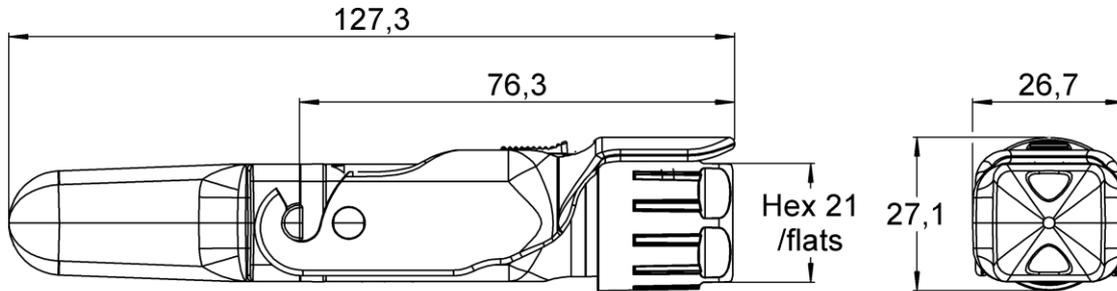
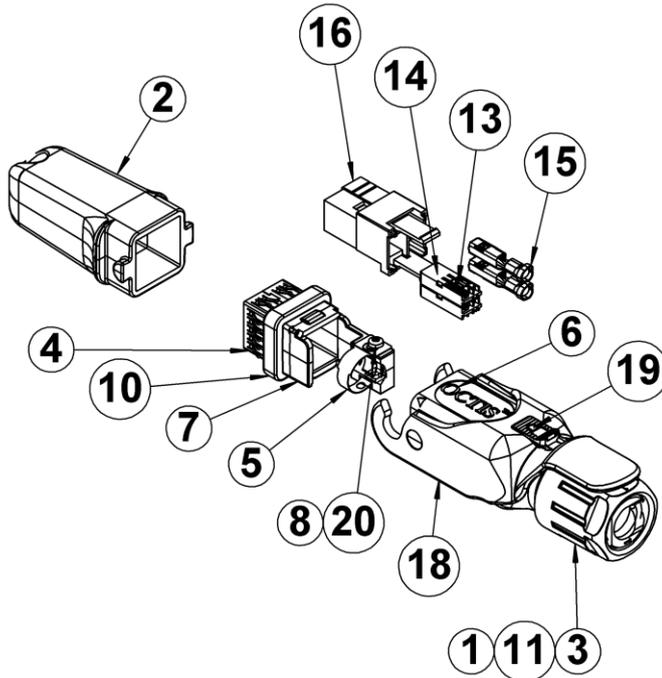
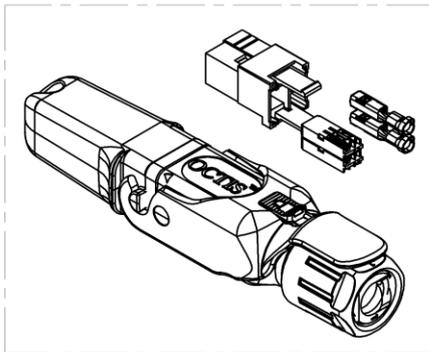


PAGE 1/3	ISSUE 13-04-16A	SERIES OCTIS	PART NUMBER OCTI517500
----------	-----------------	--------------	------------------------



Packing configuration



All dimensions are in mm.

DESCRIPTION

REP	COMPONENT	MATERIALS	PLATING
1	Tightening cone	NYLON	-
2	Plug cap	PBT GF	-
3	Gland nut	PBT GF	PURPLE COLOR
4	Grounding ring	STAINLESS STEEL	-
5	Tightening strap	STAINLESS STEEL	-
6	Housing	PBT GF	-
7	Holder	ZAMAK	PASSIVATED
8	Nut	STEEL	-
10	Interface sealing gasket	SILICONE	-
11	Split rubber gland	SILICONE	-
13	Signal contact	COPPER ALLOY	SN
14	Signal contacts housing	PLASTIC	-
15	Power contact	COPPER ALLOY	SN
16	Combo housing	PLASTIC	-
18	Lever	IXEF	-
19	Locking button	PBT GF	-
20	Pozidriv screw M2x12	STEEL	-

PAGE 2/3	ISSUE 13-04-16A	SERIES OCTIS	PART NUMBER OCTI517500
----------	-----------------	--------------	-------------------------------

GENERAL CHARACTERISTICS

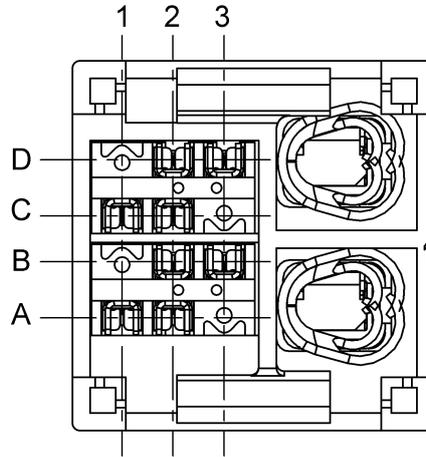
Mechanical Mating endurance (cycles) Axial Tensile load (N min) Vibration Recom. coupling torque (N.cm) Weight (g)	IEC 61300-2-2 IEC 61300-2-4 IEC 61300-2-1 - -	100 150 - 200 min. / 250 max. 60,0170
Electrical POWER contacts Working voltage Current rating Insulation resistance	- - - -	Max. 300 AC or DC * 16A with 1.5 mm ² wire * 20A with 2.5 mm ² wire * -
Electrical SIGNAL contacts Contact resistance (mΩ max) Current rating (A) Insulation resistance (MΩ min) Signal Integrity performance Cross talk Impedance of pairs IL RL	- - - - - - - -	55 0.8 (all contacts powered) 5000 Pair to pair @20MHz < -60dB All pairs to one victim @ 20MHz < -54dB (powersum) 100Ω +/- 10% @ 30 MHz < 0.1 dB @ 30MHz < -37 dB @ 20MHz
Environmental Protection class (mated condition) Operating temperature (°C) Storage temperature (°C) Humidity (damp heat) (%RH) Salt Mist RoHS Flammability UVB Resist	IEC 60529 IEC 61300-2-22 IEC 61300-2-22 IEC 61300-2-19 IEC 61300-2-26 (ISO21207 methd B) - UL 94 ASTM G154	IP67 (**) -40 / +85 -40 / +85 5 / 95 720h (To be tested) (**) Compliant V0 Compliant
Others Cable Packaging	- - -	Diameter 9mm +/-0.5 Unitary in plastic bag with assembly note

(*) To be confirmed at qualification

(**) Mated condition

PAGE 3/3	ISSUE 13-04-16A	SERIES OCTIS	PART NUMBER OCTI517500
----------	-----------------	---------------------	-------------------------------

CONTACTS CONFIGURATION



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Radial:

[OCTI517500](#)