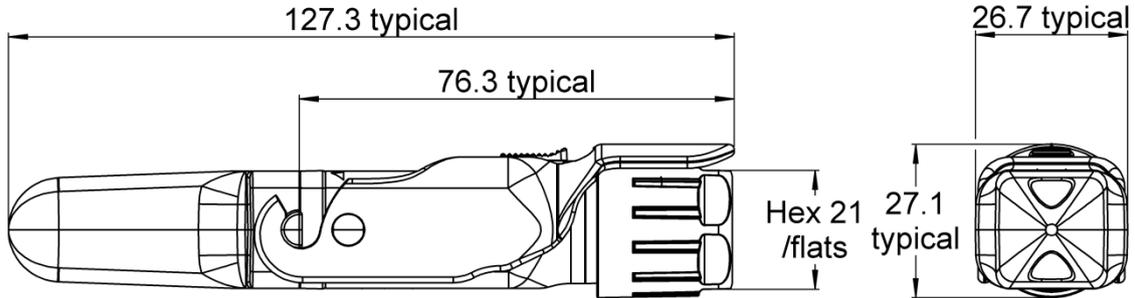
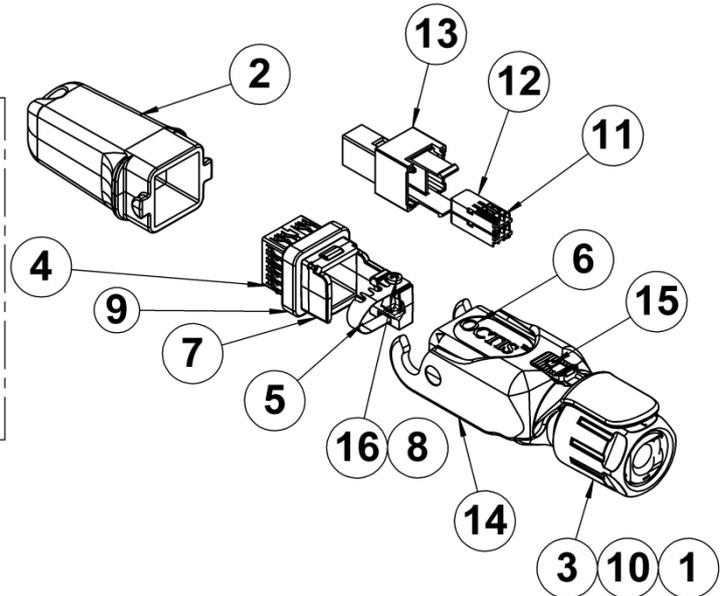
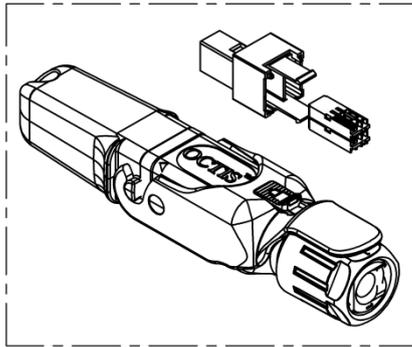


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Packing configuration



All dimensions are in mm. Tolerances according ISO 2768 m-H

DESCRIPTION

REP	COMPONENT	MATERIALS	PLATING
1	Tightening cone	NYLON	-
2	Plug cap	PBT GF	-
3	Gland nut	PBT GF	YELLOW COLOR
4	Grounding ring	STAINLESS STEEL	-
5	Tightening strap	STAINLESS STEEL	-
6	Housing	PBT GF	-
7	Holder	ZAMAK	PASSIVATED
8	Nut	STEEL	-
9	Interface sealing gasket	SILICONE	-
10	Split rubber gland Ø7	SILICONE	-
11	Signal contact	COPPER ALLOY	SN
12	Signal contacts housing	PLASTIC	-
13	Signal housing	PLASTIC	-
14	Lever	IXEF	-
15	Locking button	PBT GF	-
16	Pozidriv screw M2x12	STEEL	-

GENERAL CHARACTERISTICS

<p>Mechanical</p> <p>Mating endurance (cycles) - 100 Axial Tensile load (N typical) IEC 61300-2-4 100 * Vibration GR 3108 Compliant Rear nut recom. coupling torque (N.cm) 250 min. / 300 max. Weight (g) 60.059</p> <p>Tightening strap: Screw driver type : Phillips #1 Recom. coupling torque (N.cm) 22</p>		
<p>Electrical</p> <p>Working voltage - Max. 300V AC (r.m.s) Current rating - 1.5A per contact Dielectric withstanding voltage EIA 364-20 1000V AC Insulation resistance EIA 364-21 5000MΩ minimum after environmental aging</p> <p>Signal Integrity performance</p> <p>Cross talk - Pair to pair @20MHz < -60dB Impedance of pairs - All pairs to one victim @ 20MHz < -54dB (powersum) IL - 100Ω +/- 10% @ 30 MHz RL - < 0.1 dB @ 30MHz < -37 dB @ 20MHz</p>		
<p>Environmental</p> <p>Protection class IEC 60529 IP67 ** Operating temperature (°C) - -40 / +85 Storage temperature (°C) - -65 / +85 Humidity (damp heat) IEC 60068-2-78 95%RH for 21 days Salt Mist IEC 61300-2-26 / ISO21207 method B 720h **</p> <p>RoHS - Compliant Flammability UL 94 V0 UVB Resist ASTM G154 cycle 2 1000h</p>		
<p>Others:</p> <p>Equipment interface - For use with OCTIS™ panel interface or receptacle *** Board socket - For use with OCTI460500 Cable - For use with Ethernet cable: 4 twisted pairs with conductor size from 0.13 mm² - 26AWG to 0.20 mm² - 24AWG. Insulation diameter of each wire must be ≤ 1mm. Crimping tool - For use with OCTI999505 Packaging - Unitary in plastic bag with assembly note</p>		

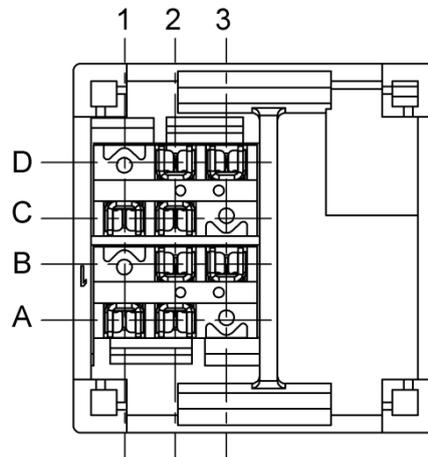
* Depending to cable characteristic

** Mated condition

*** If the interface is to be die casted into the equipment panel, please contact Radiall for license conditions and interface definition

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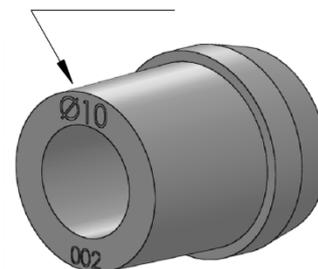
CONTACTS CONFIGURATION



RUBBER GLAND SELECTION CHART

ΦD^*	Recommended gland size
From 4.8 min to 5.8 Max	"6"
From 5.8 min to 6.8 Max	"7"
From 6.8 min to 7.8 Max	"8"
From 7.8 min to 8.8 Max	"9"
From 8.8 min to 9.8 Max	"10"
From 10.3 min to 11.3 Max	"11.5"

Gland size is written on the gland edge



*Cable diameter under the gland. If the cable has a sleeve, the diameter over the sleeve should be considered
The tolerances of ΦD should be taken into account to make sure it is always within the specified range