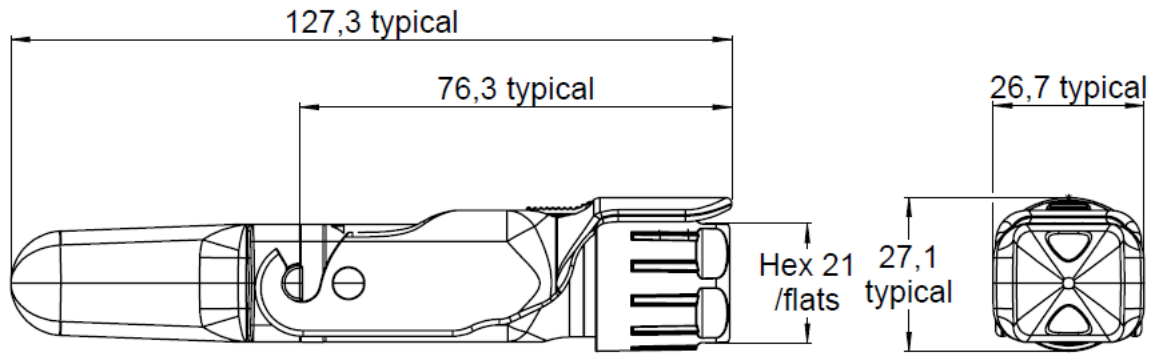
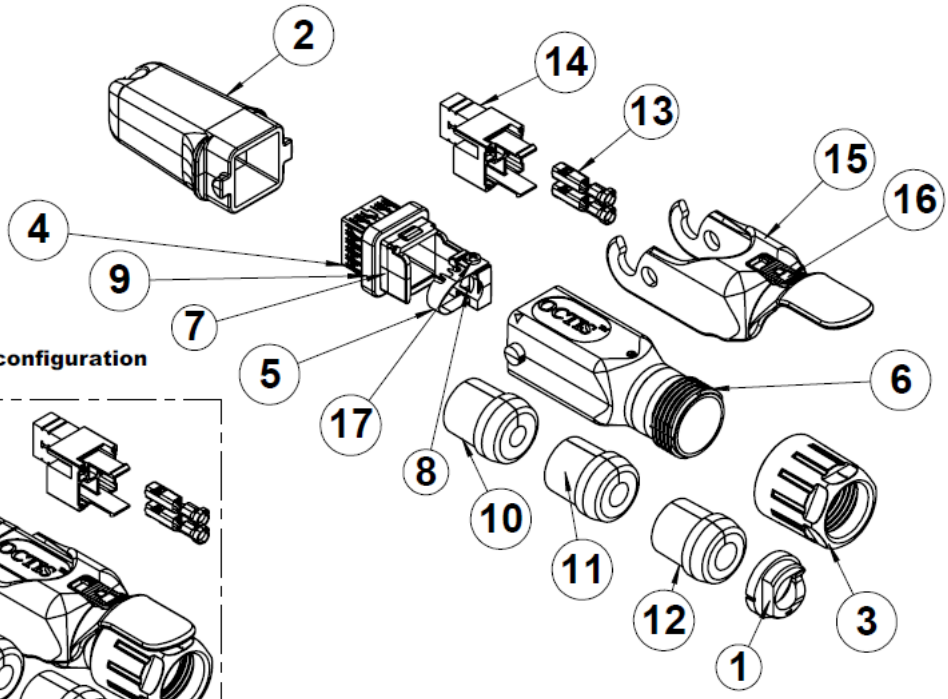
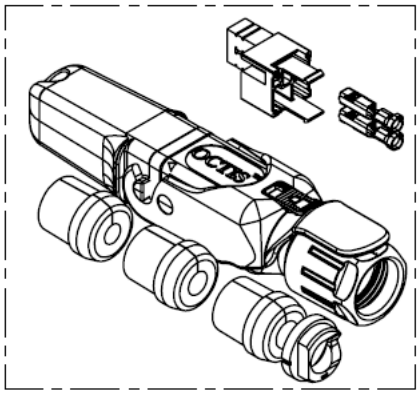




Packing configuration



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	ORANGE 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 Ø6	SILICONE	-
11	Split rubber gland Ø7	SILICONE	-
12	Split rubber gland Ø8	SILICONE	-
13	Power contact	COPPER ALLOY	SN
14	Power housing	PLASTIC	-
15	Lever	IXEF	-
16	Locking button	PBT GF	
17	Pozidrive screw M2x12	STEEL	-

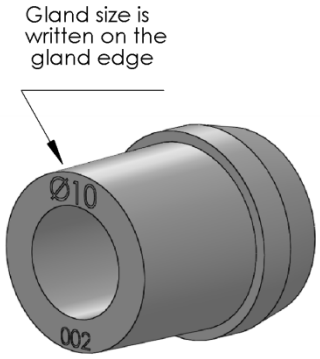
GENERAL CHARACTERISTICS

Mechanical		
Mating endurance (cycles)	IEC 61300-2-2	100
Axial Tensile load (N typical)	IEC 61300-2-4	200N *
Vibration	IEC 61300-2-1	Compliant
Recom. coupling torque (N.cm)	-	250 min. / 300 max.
Tightening strap:		
Screw driver type :	-	TBD
Recom. coupling torque (N.cm)	-	22
Weight (g)	-	69.2
Electrical		
Working voltage	-	Max. 300 AC or DC
Current rating	-	16A with AWG16 wire (7xAWG24)
	-	20A with AWG14 wire (7xAWG22)
Dielectric withstand voltage	EIA 364-20	5000MΩ minimum initial
Insulation resistance	EIA 364-21	1000MΩ minimum after environmental aging
Environmental		
Protection class	IEC 60529	IP67 **
Operating temperature (°C)	IEC 61300-2-22	-40 / +85
Storage temperature (°C)	IEC 61300-2-22	-65 / +85
Humidity (damp heat) (%RH)	IEC 61300-2-19	5 / 95
Salt Mist	IEC 61300-2-26 (ISO21207 method B)	720h **
RoHS	-	Compliant
Flammability	UL 94	V0
UBV Resist (h)	ASTM G154 cycle 2	1000
Others:		
Equipment interface	-	For use with OCTIS™ panel interface or receptacle ***
Board socket	-	For use with OCTI.360.500
Cable	-	For use with power cable : 2 stranded conductors from 1.5 mm² (AWG16 = 7xAWG24) to 2.5 mm² (AWG14 = 7xAWG22) and braiding
Packaging	-	Unitary in plastic bag with assembly note.

* Depending on cable characteristics
** Mated condition
*** If the interface is to be die casted into the equipment panel, please contact Radiall for license conditions and interface definition

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"



*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