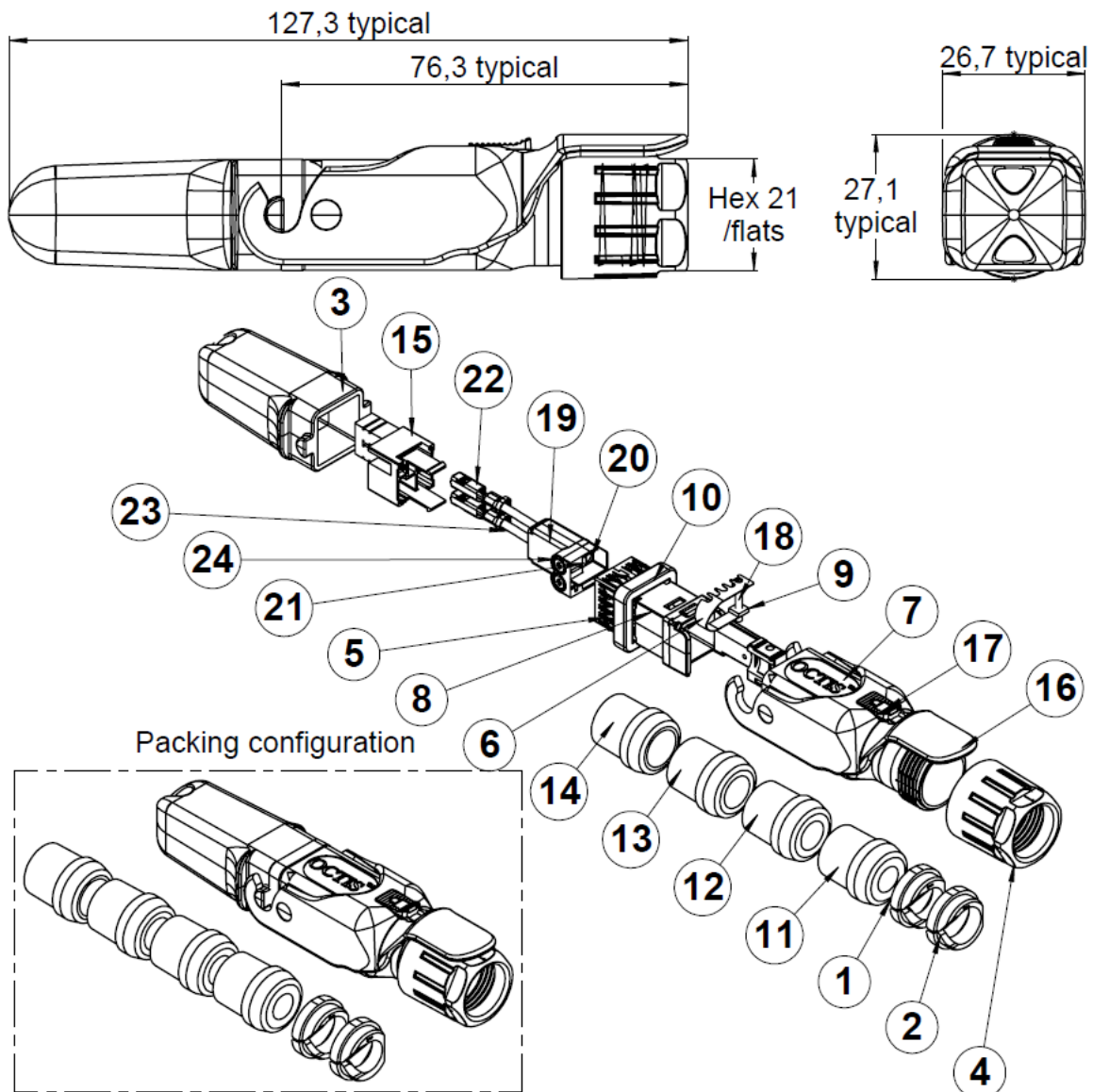


PAGE 1/3

ISSUE 18-02-19A

SERIES OCTIS

PART NUMBER OCTI327510



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

### DESCRIPTION

REP	COMPONENT	MATERIALS	PLATING
1	Tightening cone Ø10		
2	Tightening cone Ø11.5	NYLON	-
3	Plug cap	PBT GF	-
4	Gland nut	PBT GF	ORANGE COLOR
5	Grounding ring	STAINLESS STEEL	-
6	Tightening strap	STAINLESS STEEL	-
7	Housing	PBT GF	-
8	Holder	ZAMAK	PASSIVATED
9	Nut	STEEL	-
10	Interface sealing gasket	SILICON	-
11	Rubber gland Ø8	SILICON	-
12	Rubber gland Ø9	SILICON	-
13	Rubber gland Ø10	SILICON	-
14	Rubber gland Ø11.5	SILICON	-
15	Terminal block	PLASTIC	-
16	Lever	IXEF	-
17	Locking button	PBT	-

PAGE 2/3

ISSUE 18-02-19A

SERIES OCTIS

PART NUMBER OCTI327510

18	Pozidriv screw M2x12	STEEL	-
19	Conductor blade	COPPER ALLOY	Ni
20	Inner block	PLASTIC	-
21	Inner contact	COPPER ALLOY	NiSn
22	Power contact	COPPER ALLOY	Ni
23	Wire	COPPER	-
24	Screw M2.5x4 DIN84	STEEL	-

### GENERAL CHARACTERISTICS

<b>Mechanical</b> Mating endurance (cycles) Axial Tensile load (N typical) Vibration Recom. coupling torque (N.cm) for the nut  Terminal block: Screw driver type Recom. coupling torque (N.cm)  Tightening strap: Screw driver type: Recom. coupling torque (N.cm)  Weight (g)	IEC 61300-2-2 IEC 61300-2-4 IEC 61300-2-1 -  - -  - -  -	100 200 * Compliant 250 min / 300 max   TBD 40   TBD 22  74.3130
<b>Environmental</b> Protection class Operating temperature (°C) Storage temperature (°C) Humidity (damp heat) (%RH) Salt Mist  RoHS Flammability UVB Resist (h)	IEC 60529 IEC 61300-2-22 IEC 61300-2-22 IEC 61300-2-19 IEC 61300-2-26 (ISO21207 method B) - UL 94 ASTM G154 cycle 2	IP67 ** -40 / +85 -65 / +85 5 / 95 720h **  Compliant V0 1000
<b>Electrical</b> Working voltage Current rating (A)  Dielectric withstand voltage Insulation resistance	- -  EIA 364-20 EIA 364-21	Max. 300 AC or DC 16A with AWG16 wire (7xAWG24) 20A with AWG14 wire (7xAWG22) 5000MΩ minimum initial 1000MΩ minimum after environmental aging
<b>Others</b> Equipment interface  Board socket  Cables  Packaging	- - - -	For use with OCTIS™ panel interface or receptacle ***  For use with OCTI.360.500  For use with power cable : 2 stranded or solid conductors from 1.5 mm² (AWG16) to 6 mm² (AWG10) and braiding  Unitary in plastic bag with assembly note.

\* Depending on cable characteristics

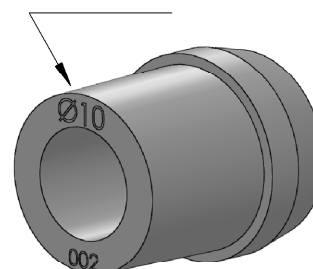
\*\* Mated condition

\*\*\* 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**

$\Phi D^*$	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  $\Phi D$  should be taken into account to make sure it is always within the specified range