Radiall

Technical Data Sheet
OCTIS UNIVERSAL PLUG KIT

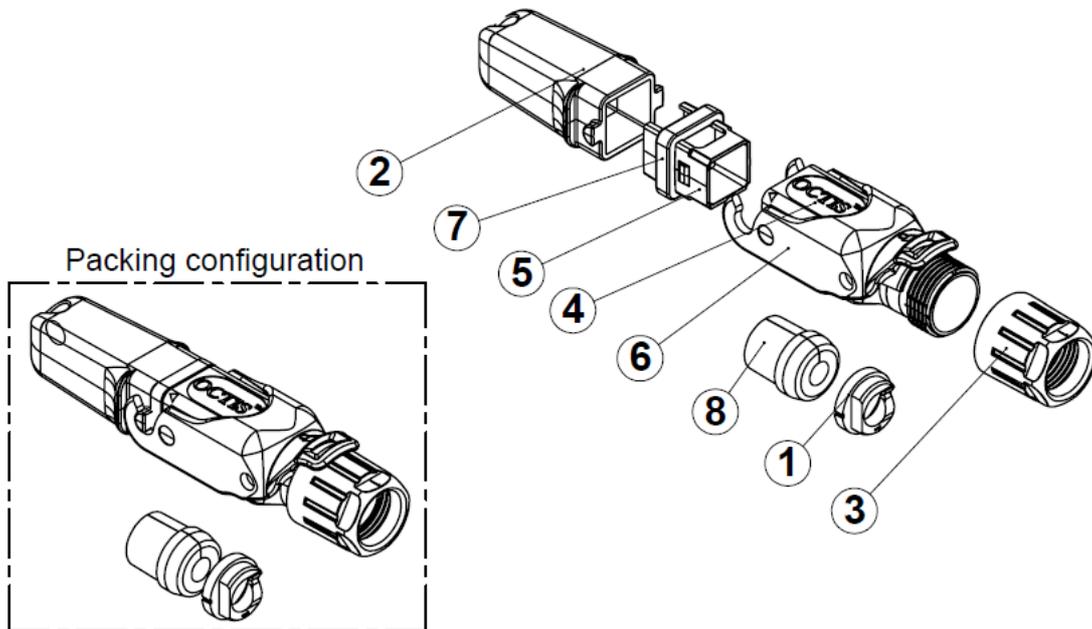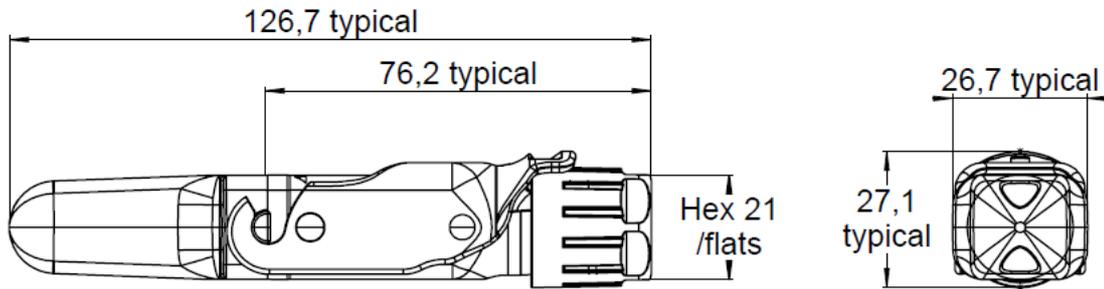| PAGE 1/2	ISSUE 25-01-19A	SERIES OCTIS	PART NUMBER OCTI127500

126,7 typical

76,2 typical

Hex 21 /flats

26,7 typical

27,1 typical

Packing configuration

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

DESCRIPTION

REP	COMPONENT	MATERIALS	PLATING
1	Tightening cone	PA	-
2	Plug Cap	PBT GF	-
3	Gland Nut	PBT GF	BLACK COLOR
4	Housing	PBT GF	-
5	Holder	PBT GF	-
6	Lever	IXEF	-
7	Interface sealing gasket	SILICONE	-
8	Split rubber gland Ø7	SILICONE	-

PAGE 2/2	ISSUE **25-01-19A**	SERIES **OCTIS**	PART NUMBER **OCTI127500**

GENERAL CHARACTERISTICS

Mechanical		
Mating endurance (cycles)	IEC 61300-2-2	100
Axial Tensile load (N typical)	IEC 61300-2-4	150 *
Vibration	IEC 61300-2-1	-
Recom. coupling torque (N.cm)	-	250 min / 300 max
Weight (g)	-	41.5810

Environmental		
Protection class (mated condition)	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
UVB Resist (h)	ASTM G154 cycle 2	1000

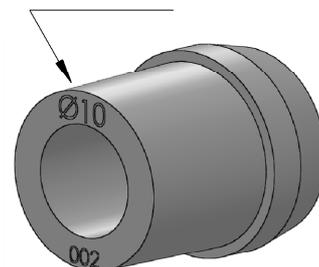| **Others:**		
Equipment interface	-	For use with OCTIS^{TM} panel interface or receptacle ***
Cable	-	Refer to rubber gland selection chart below
Packaging	-	Unitary in plastic bag with assembly note.

 * 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

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