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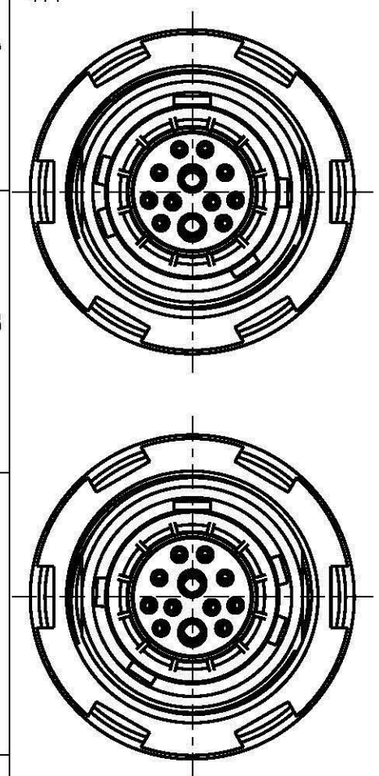
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CAD: Pro/ENGINEER

Additional coding

View in direction A
4:1



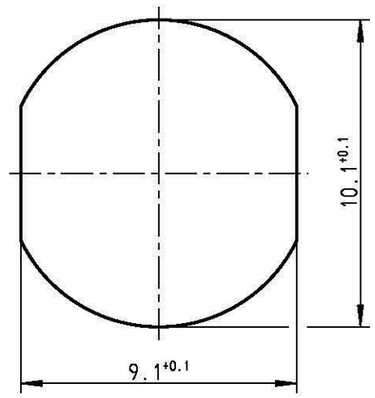
GKOWBM-P12UM00-000L
Mechanical coding: B
Color coding: red

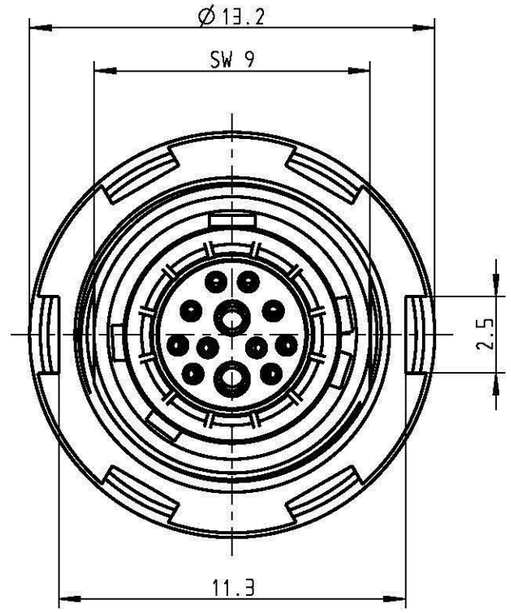
GKOWCM-P12UM00-000L
Mechanical coding: C
Color coding: blue

GKOWDM-P12UM00-000L
Mechanical coding: D
Color coding: green

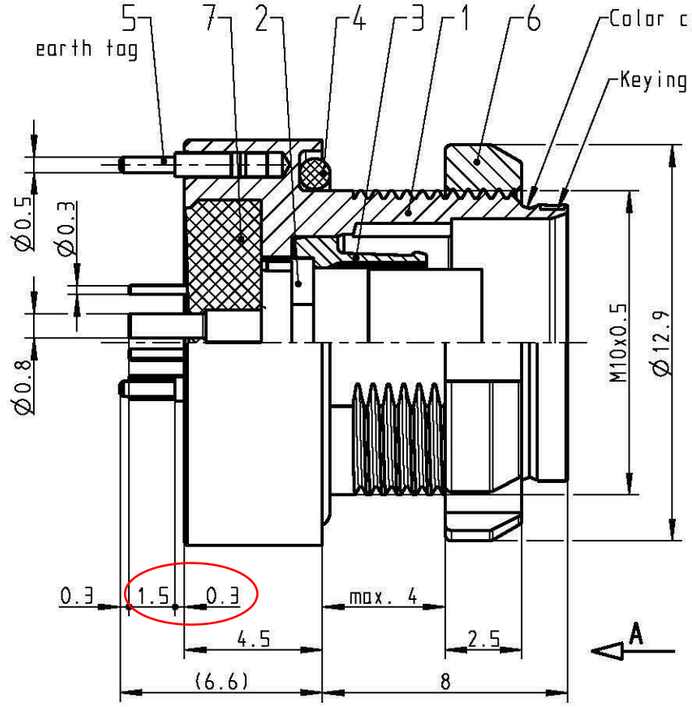
GKOWEM-P12UM00-000L
Mechanical coding: E
Color coding: grey

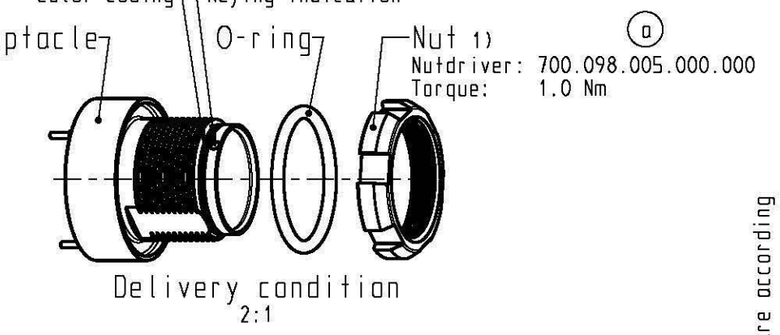
Panel cut-out





GKOWAM-P12UM00-000L
Mechanical coding: A
Color coding: light brown





Delivery condition
2:1

Technical information

- Print contacts 3)
- Power print contacts: (pos. 5/10)
  Current load: 5A (Single contact)

- Signal print contacts: (Pos.1/2/3/4/6/7/8/9/11/12)
  Current load: 1A (Single contact)

  Test voltage: 750V (acc. SAE AS 13441:1998, Contact to contact)
  Rated voltage: 250V (acc. SAE AS 13441:1998) 2)

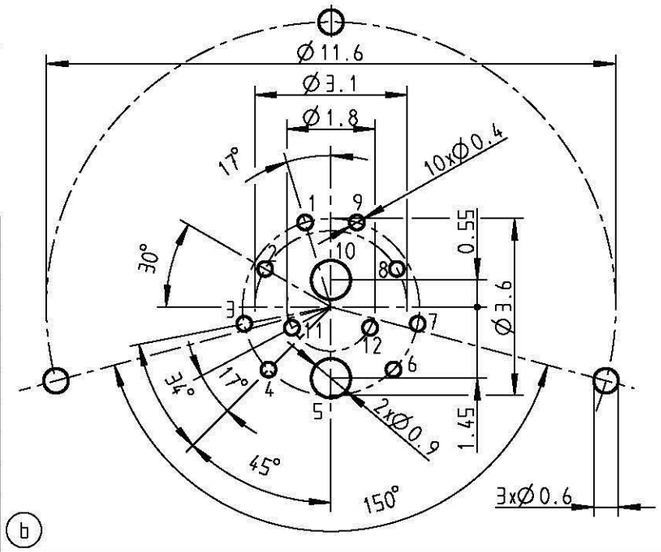
1) ODU recommend on additional locking of the nut with adhesive (e.g. Loctite 2701) to the screw thread.

2) Maximal operating voltage at sea level up to 2.000m. Rated voltage applies no other electrical safety standard. In case other standards rule a specific use of the connector, the application specific safety criteria shall be considered first. This must be evaluated in the frame of equipment engineering.

3) The recommended thickness of the PCB is about 1.2 mm. Other versions are available on request.

PCB-Layout

View in mating direction A
8:1



USB 2 Data+	1
shield USB 3 RX	2, 11
USB 3 RX-	3
USB 3 RX+	4
GND-	5
USB 3 TX+	6
USB 3 TX-	7
shield USB 3 TX	8, 12
USB 2 Data-	9
1 VBUS	10
description wire	**pos.-nr.**

b

All shown connectors are according to DIN EN 61984:2009 connectors without breaking capacity (COC)!

index	notice	date	name
b	------	10.04.15	Unterblöm.
a	------	02.04.15	Unterblöm.

General tolerances to DIN ISO 2768-mH
Toleration to DIN ISO 8015

	date	name
2015		
prep.	16.02.	Unterblöm.
app.		
norm.		

PE-modell-nr.:
CAD-nr.: 00058973
sheet.:

designation: Receptacle
scale: 4:1

drawing nr.: GKOW.M-P12UM00-000L
copy nr.
replacement for:

ODU
A perfect alliance.