

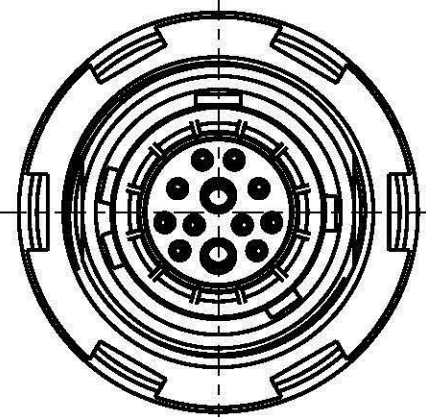
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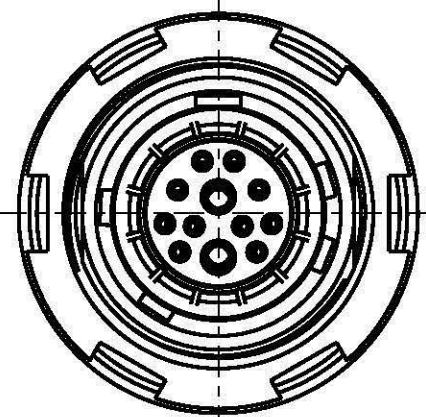
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CAD: Pro/ENGINEER

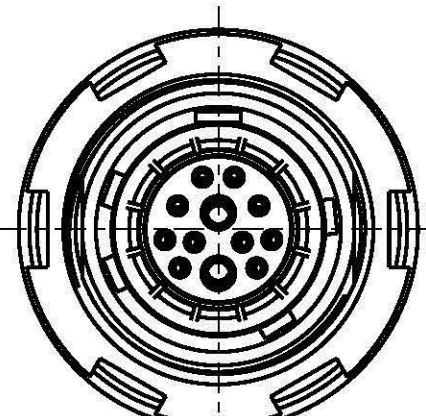
Additional coding
View in direction A
4:1



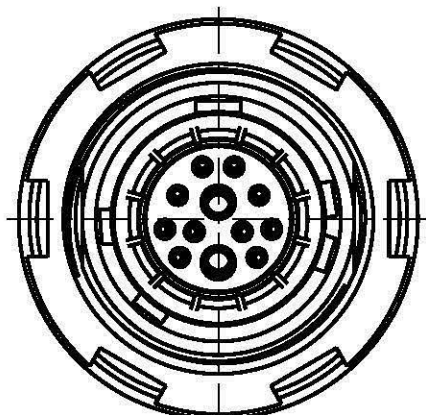
GKOWBM-P12UM00-000L
Mechanical coding: B
Color coding: red



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

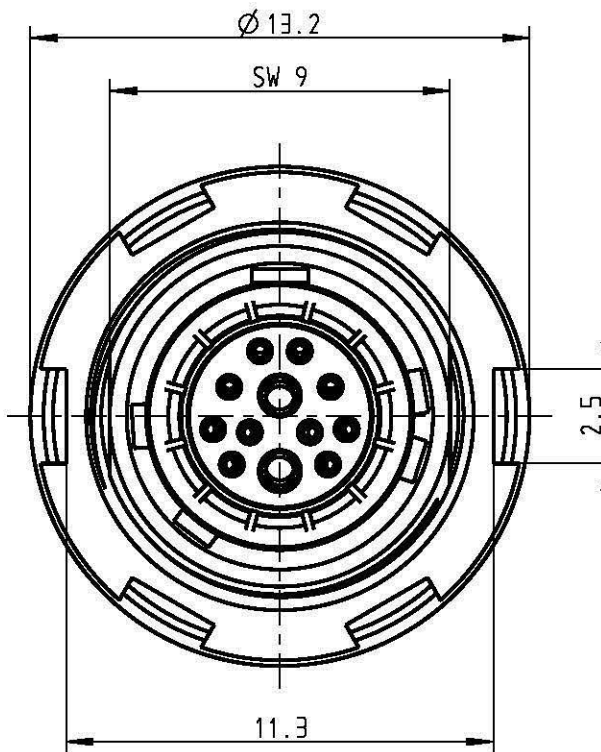
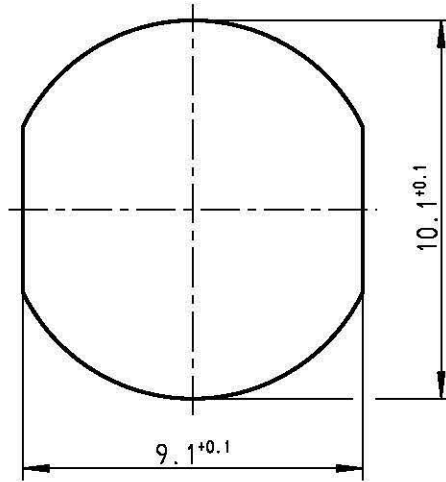


GKOWDM-P12UM00-000L
Mechanical coding: D
Color coding: green

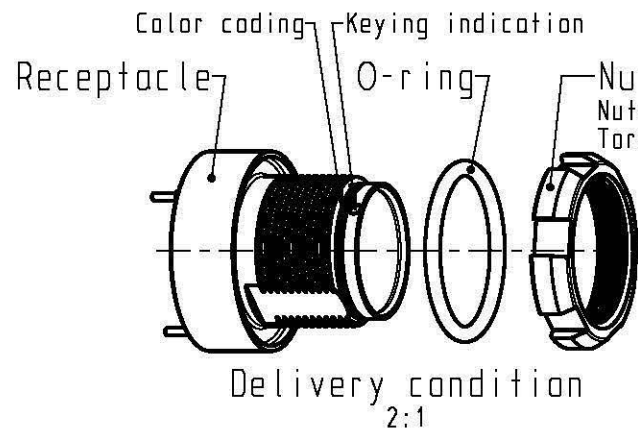


GKOWEM-P12UM00-000L
Mechanical coding: E
Color coding: grey

Panel cut-out



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



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)

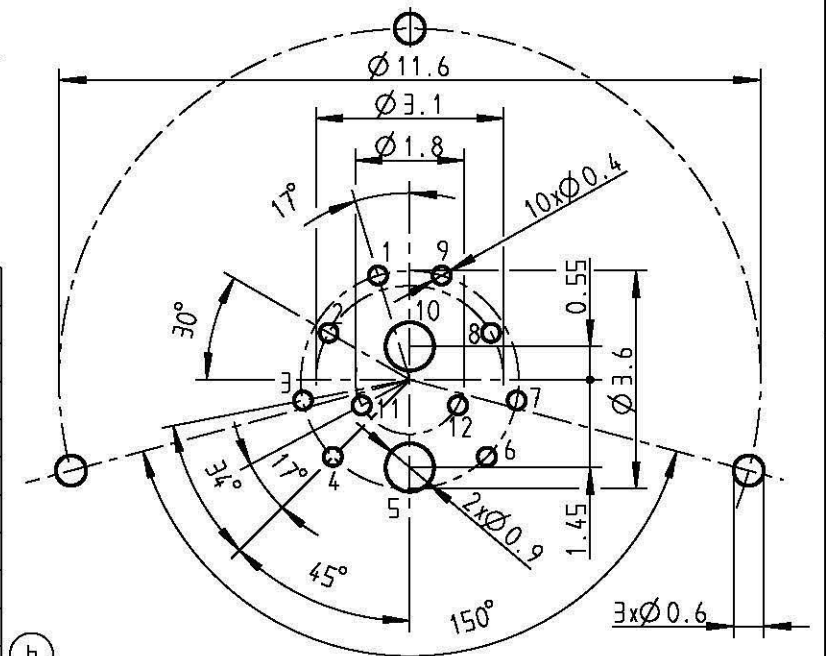
1) ODU recommend an additional locking of the nut with adhesive (e.g. Loctite 2701) to the screw thread.

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.



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

General tolerances to DIN ISO 2768-mH Tolerance to DIN ISO 8015				PE-modell-nr.: 00058973	
2015 date name designation: Receptacle				sheet.: 4:1	
prep. 16.02. Unterblüm.				scale:	
app.				drawing nr.: GKOW.M-P12UM00-000L	
norm.				replacement for:	
b	-----	10.04.15	Unterblüm.	copy	
a	-----	02.04.15	Unterblüm.	nr.	
index	notice	date	name		

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