

straight\_screw\_lock\_plug\_for\_bend\_relief

size\_0\_ip6k8\_ip6k9k\_coding\_d\_green\_9\_contacts\_pins\_solder\_cup\_data\_transmission\_and\_high\_power\_usb®\_2.0\_480\_mbits+\_power

|                                                                                   |                   |                     |
|-----------------------------------------------------------------------------------|-------------------|---------------------|
|  | Basic information |                     |
|                                                                                   | Part number       | C10WDM-P09XMM0-0000 |
|                                                                                   | Category          | connector           |
|                                                                                   | Type of connector | plug                |
| Assembly situation                                                                |                   | straight            |

Contact insert description

|                        |                               |  |
|------------------------|-------------------------------|--|
| Special features       | data_transmission             |  |
| Transmission type      | USB® 2.0 [480 Mbit/s] + Power |  |
| Number of contacts     | 9                             |  |
| Contact type           | pins                          |  |
| Contact diameter       | 0.3 mm; 0.7 mm                |  |
| Termination type       | solder_cup                    |  |
| Wire cross section AWG | AWG 28; AWG 22                |  |

Technical information

|                             |            |                                            |
|-----------------------------|------------|--------------------------------------------|
| Max. current single contact | 1 A; 5 A   | IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) |
| Test voltage                | 0.75 kV DC | EIA-364-20F:2019-02                        |

Cable description

|                     |             |
|---------------------|-------------|
| Cable outlet        | overmolding |
| Min. cable diameter | 3.2         |
| Max. cable diameter | ?           |

**Mechanical and environmental data**

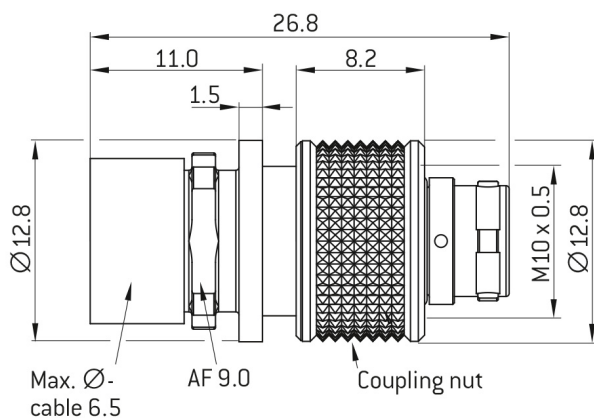
|                            |               |
|----------------------------|---------------|
| Locking principle          | screw_lock    |
| Keying                     | d             |
| Mating cycles              | 5.000         |
| IP class                   | IP68 / IP6K9K |
| Max. operating temperature | 125 °C        |
| Min. operating temperature | -51 °C        |
| Weight                     | 10.4 g        |

ip\_protection\_class\_refers\_to\_mated\_condition

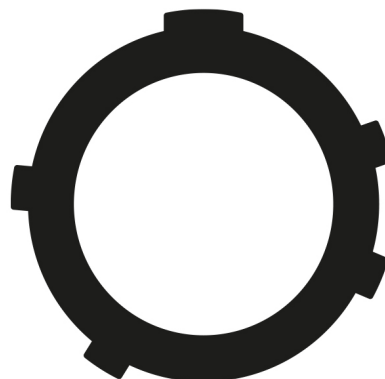
**Material and surface treatments**

|                  |                                |
|------------------|--------------------------------|
| Material         | cu_alloy_with_ruthenium_finish |
| Contact material | gold                           |

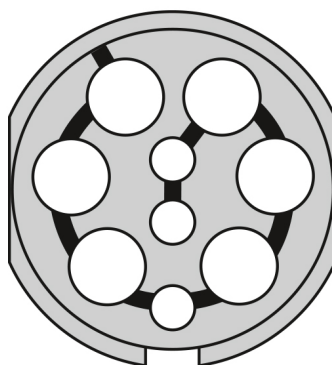
## DIMENSIONS:



## CODING:D



## POSITIONS: 9 positions



### Further technical information and downloads

Connection diagram

con\_usb\_2\_power

[3D-File \(STP File\)](#)

[Assembly Instruction](#)

[Technical specifications](#)