



#### Basic information

|                    |                     |
|--------------------|---------------------|
| Part number        | S12LOC-P02MTS0-6200 |
| Category           | connector           |
| Type of connector  | plug                |
| Assembly situation | straight            |
| Size               | 2                   |

#### Contact insert description

|                        |            |
|------------------------|------------|
| Transmission type      | Signal     |
| Number of contacts     | 2          |
| Contact type           | pins       |
| Contact diameter       | 2 mm       |
| Termination type       | solder_cup |
| Termination diameter   | 2.4 mm     |
| Wire cross section AWG | AWG 14     |
| Wire cross section mm² | 2.5 mm²    |

#### Technical information

|                                              |                             |                                            |
|----------------------------------------------|-----------------------------|--------------------------------------------|
| Nominal current single contact               | 24 A                        | IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) |
| Max. current insert                          | 24                          | VDE 0298-4:2003                            |
| Test voltage                                 | 1.8 kV AC                   | SAE AS 13441:1998 method 3001.1            |
| Max. creepage distance (contact to contact)  | 1.3 mm (Contact to housing) |                                            |
| Max. creepage distance (contact to housing)  | 0.9 mm (Contact to housing) |                                            |
| Max. clearance distance (contact to contact) | 1.3 mm (Contact to contact) |                                            |
| Max. clearance distance (contact to housing) | 0.9 mm (Contact to housing) |                                            |

**Cable description**

|                     |          |
|---------------------|----------|
| Cable outlet        | back_nut |
| Min. cable diameter | 5        |
| Max. cable diameter | 6.2      |

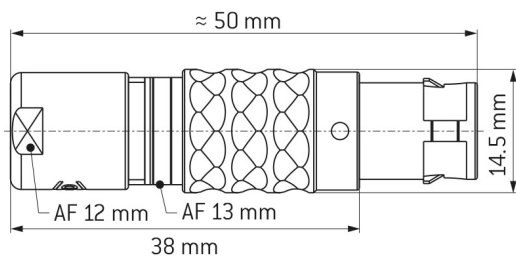
**Mechanical and environmental data**

|                            |           |
|----------------------------|-----------|
| Locking principle          | push_pull |
| Mating cycles              | 5.000     |
| IP class                   | IP50      |
| Max. operating temperature | 120 °C    |
| Min. operating temperature | -40 °C    |
| Weight                     | 26.66 g   |

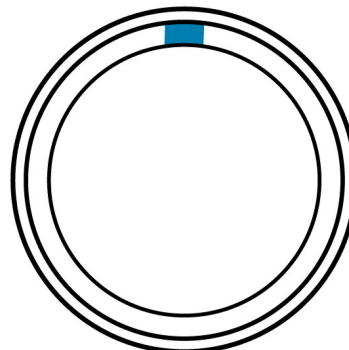
**Material and surface treatments**

|                  |                                  |
|------------------|----------------------------------|
| Material         | cu_alloy_with_matt_chrome_finish |
| Contact material | cu_alloy_with_gold_finish        |

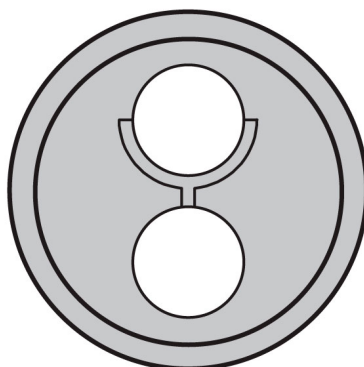
## DIMENSIONS:



## CODING: 0 °



## POSITIONS: 2 Positions



### Further technical information and downloads

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

[Assembly Instruction](#)

[Technical specifications](#)