

## Flush-type connector - SACC-DSIV-MS-5CON-L90 SH SCO - 1438037

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



Sensor/actuator flush-type connector, connector, 5-pos., M12 SPEEDCON, A-coded, shielded, rear/screw mounting with M12 thread, with polarity protection, with angled solder connection



### Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 10            |
| GTIN             | 4046356457514 |

### Technical data

#### Ambient conditions

|                                 |                                  |
|---------------------------------|----------------------------------|
| Ambient temperature (operation) | -40 °C ... 85 °C (Plug / socket) |
| Degree of protection            | IP67                             |

#### General

|                        |                                     |
|------------------------|-------------------------------------|
| Rated current at 40°C  | 4 A                                 |
| Rated voltage          | 60 V                                |
| Number of positions    | 5                                   |
| Contact resistance     | ≤ 3 mΩ                              |
| Insulation resistance  | ≥ 100 MΩ                            |
| Coding                 | A - standard                        |
| Standards/regulations  | M12 connector IEC 61076-2-101       |
| Status display         | No                                  |
| Surge voltage category | II                                  |
| Pollution degree       | 3                                   |
| Connection method      | Solder pins                         |
| Mounting type          | Rear mounting M12 x 1 With flat nut |

#### Material

|                                         |                              |
|-----------------------------------------|------------------------------|
| Inflammability class according to UL 94 | V0                           |
| Contact material                        | CuZn                         |
| Contact surface material                | Ni/Au                        |
| Contact carrier material                | PA 66                        |
| Material, knurls                        | Zinc die-cast, nickel-plated |

# Flush-type connector - SACC-DSIV-MS-5CON-L90 SH SCO - 1438037

## Technical data

### Material

|                  |     |
|------------------|-----|
| Sealing material | NBR |
|------------------|-----|

## classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27250313 |
| eCl@ss 4.1 | 27250313 |
| eCl@ss 5.0 | 27143423 |
| eCl@ss 5.1 | 27143423 |
| eCl@ss 6.0 | 27143423 |
| eCl@ss 7.0 | 27449001 |
| eCl@ss 8.0 | 27449001 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC002061 |
| ETIM 4.0 | EC002061 |
| ETIM 5.0 | EC002061 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31251501 |
| UNSPSC 7.0901 | 31251501 |
| UNSPSC 11     | 31251501 |
| UNSPSC 12.01  | 31251501 |
| UNSPSC 13.2   | 31251501 |

## approvals

UL Recognized / GOST / GOST /

### Approval details

|                                                                                                   |       |
|---------------------------------------------------------------------------------------------------|-------|
| UL Recognized  |       |
| Nominal voltage UN                                                                                | 60 V  |
| Nominal current IN                                                                                | 4 A   |
| mm²/AWG/kcmil                                                                                     | 26-20 |

|                                                                                          |  |
|------------------------------------------------------------------------------------------|--|
| GOST  |  |
|------------------------------------------------------------------------------------------|--|

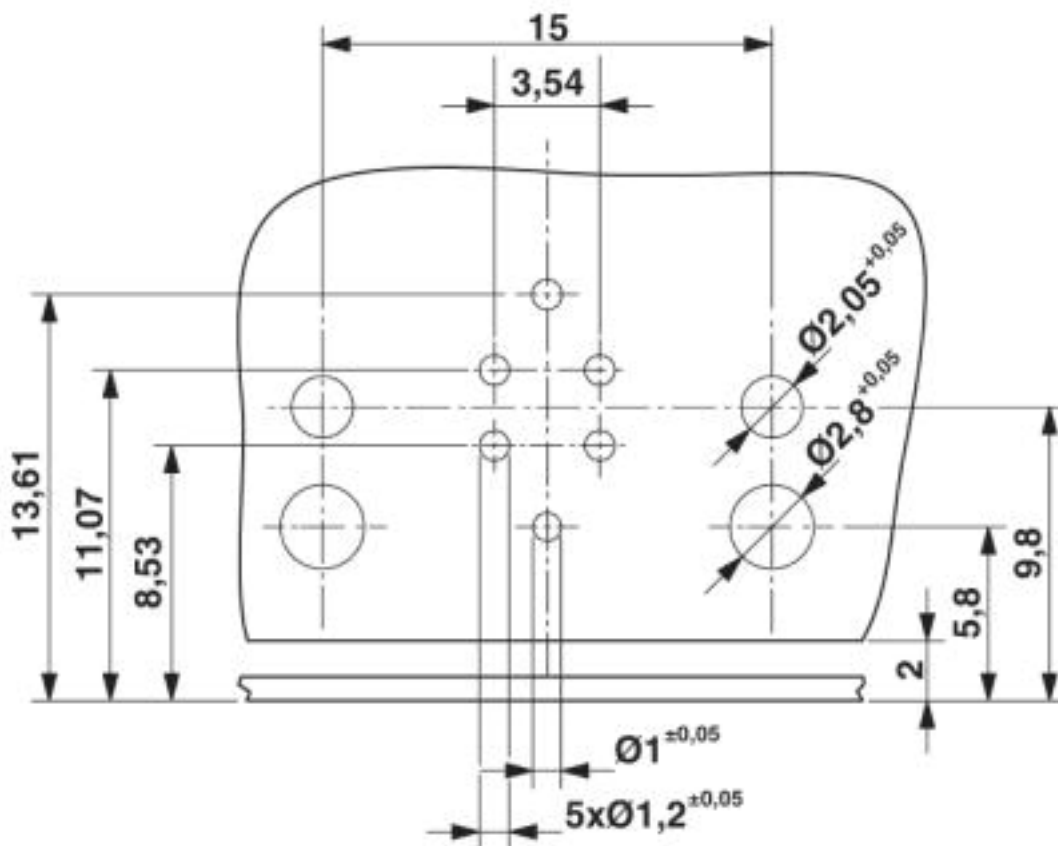
## Flush-type connector - SACC-DSIV-MS-5CON-L90 SH SCO - 1438037

approvals



Drawings

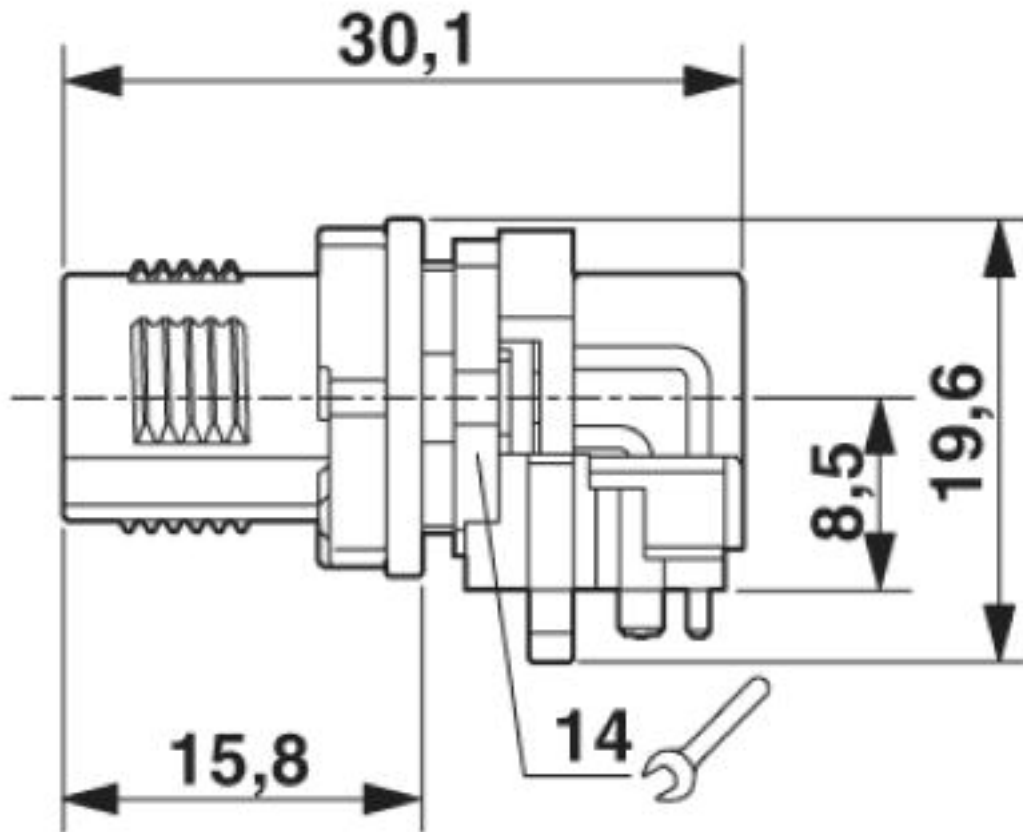
Drilling diagram



Drilling diagram

## Flush-type connector - SACC-DSIV-MS-5CON-L90 SH SCO - 1438037

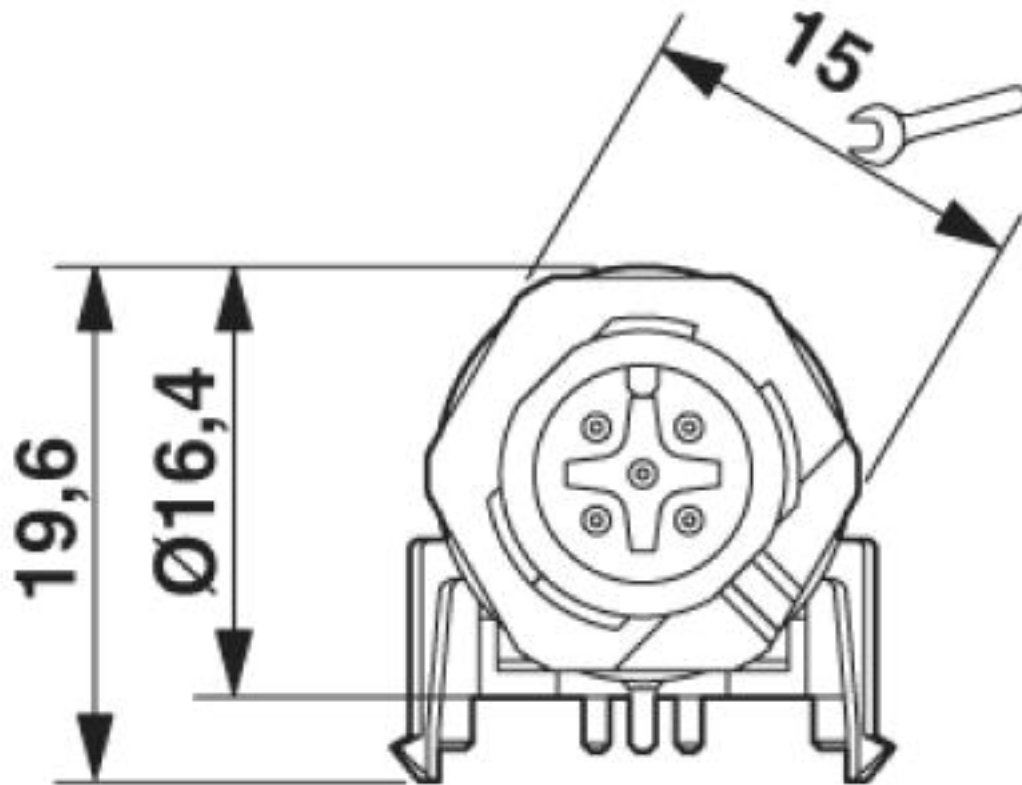
Dimensioned drawing



M12 flush-type connector, connector, side view

## Flush-type connector - SACC-DSIV-MS-5CON-L90 SH SCO - 1438037

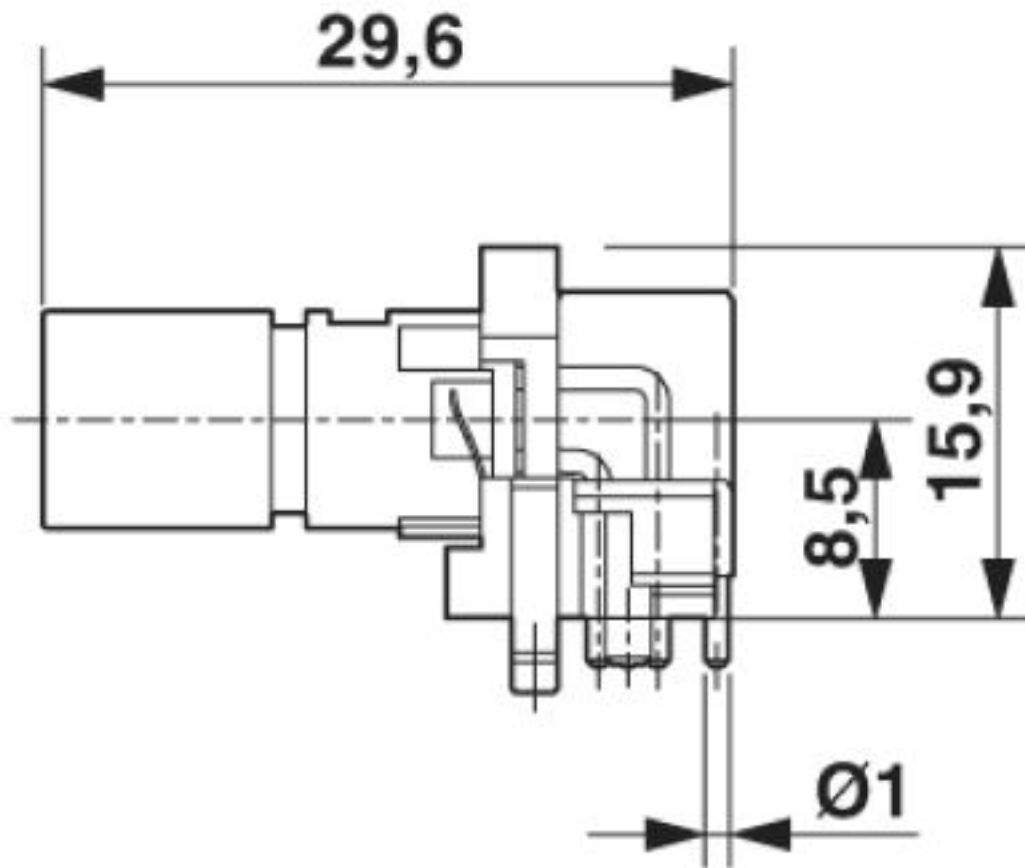
Dimensioned drawing



M12 flush-type connector, connector, front view

## Flush-type connector - SACC-DSIV-MS-5CON-L90 SH SCO - 1438037

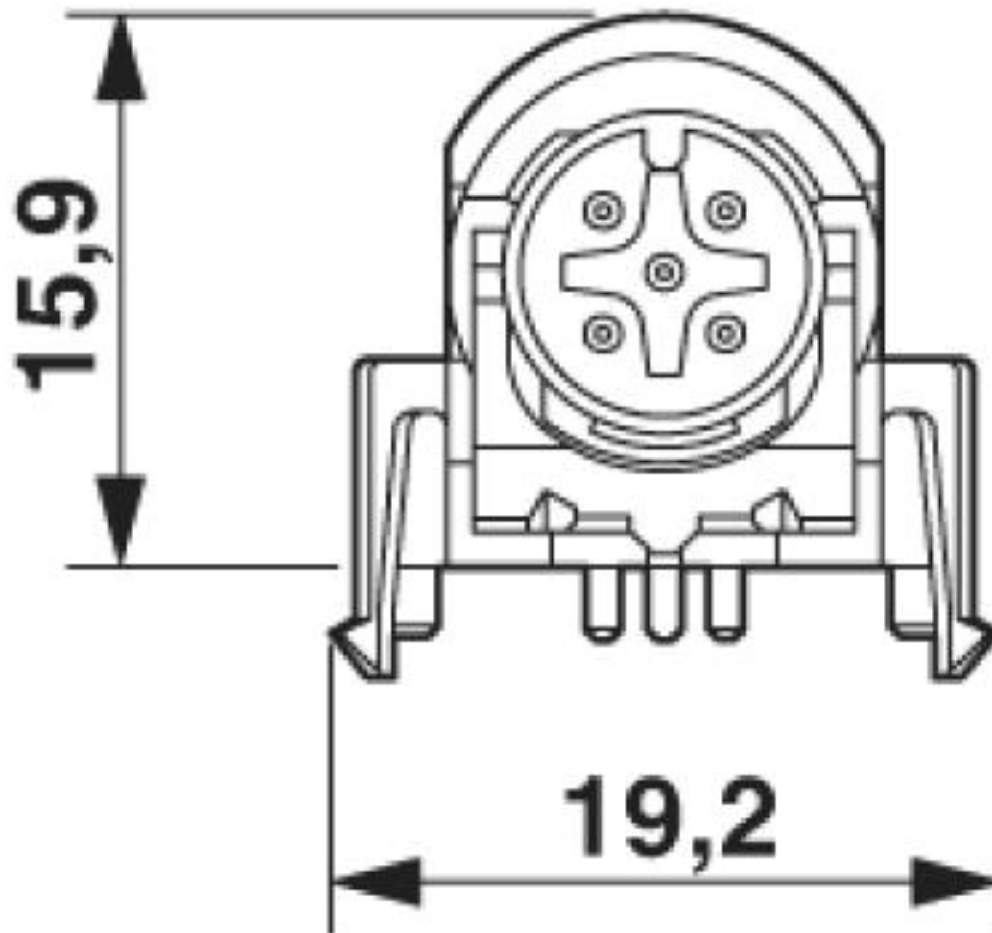
Dimensioned drawing



M12 flush-type connector, plug, contact carrier, side view

## Flush-type connector - SACC-DSIV-MS-5CON-L90 SH SCO - 1438037

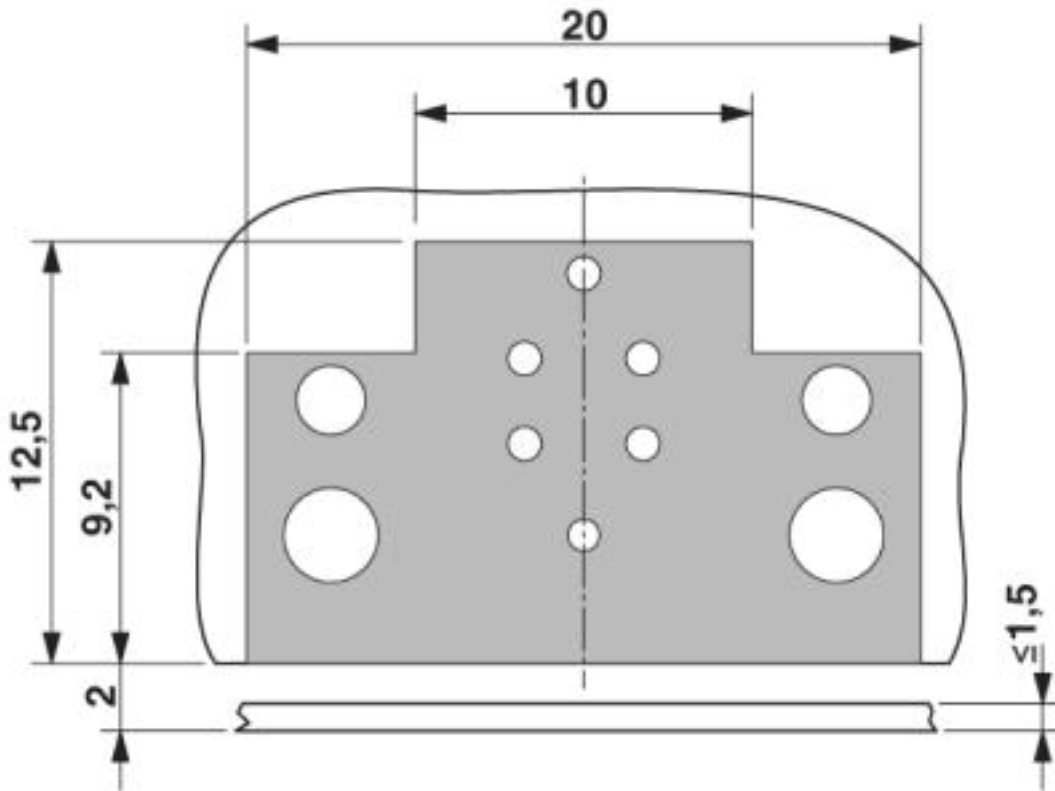
Dimensioned drawing



M12 flush-type connector, plug, contact carrier, front view

## Flush-type connector - SACC-DSIV-MS-5CON-L90 SH SCO - 1438037

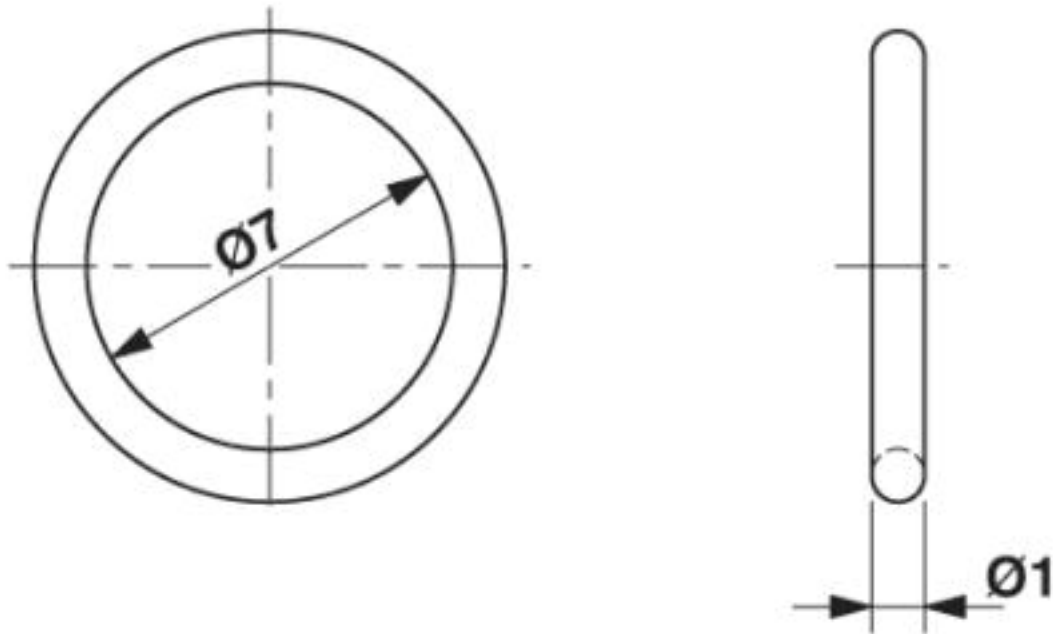
Dimensioned drawing



Locked area on the PCB

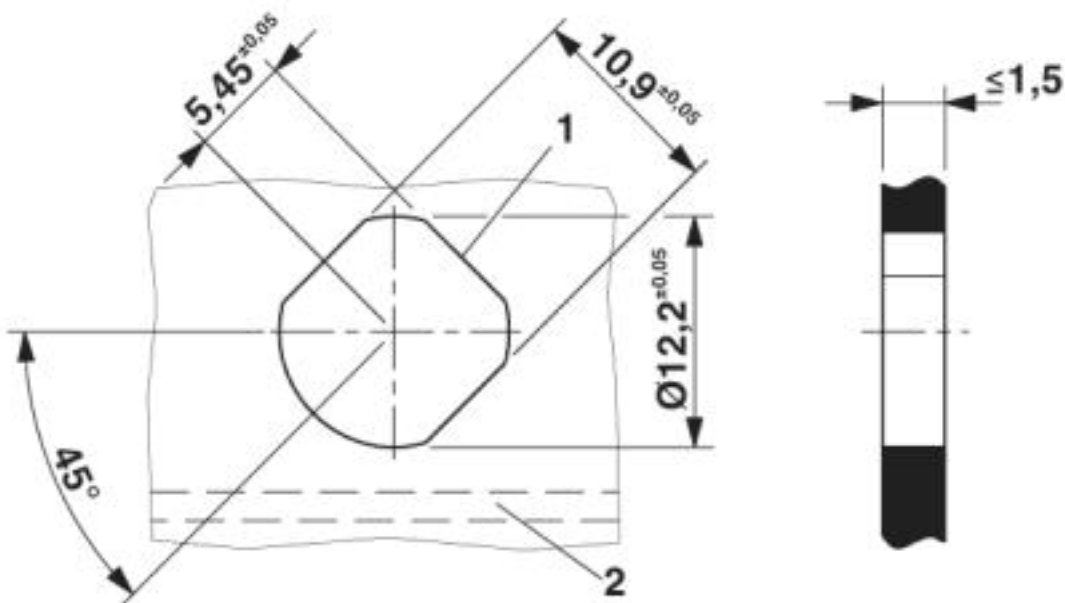
## Flush-type connector - SACC-DSIV-MS-5CON-L90 SH SCO - 1438037

Dimensioned drawing



Optionally with O-ring (green) for tight seal when plugged in.- the axial mating force of 80 N per connector may not be exceeded when using with assembled O-ring!- Avoid radial forces!

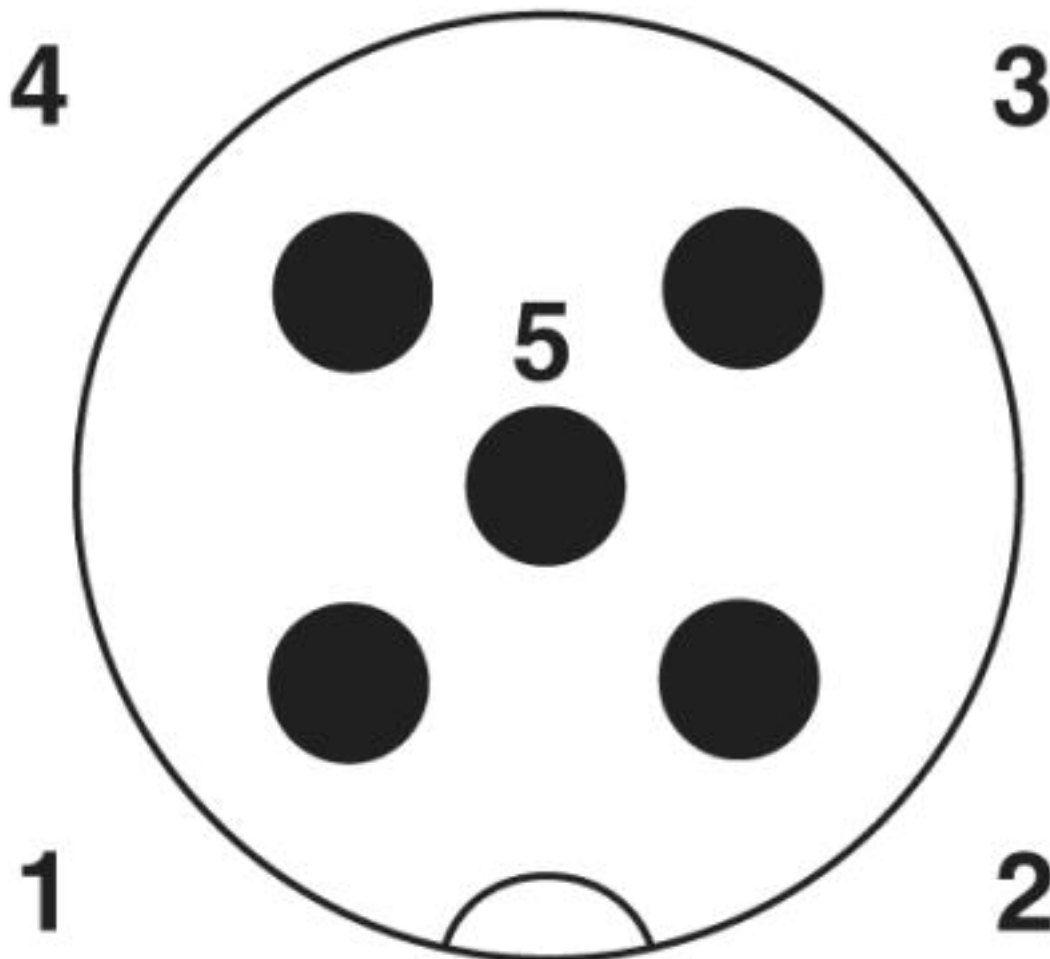
Dimensioned drawing



Panel cutout, view from front in case of horizontal PCB (2). The 3rd flat area is optional (1).

## Flush-type connector - SACC-DSIV-MS-5CON-L90 SH SCO - 1438037

Schematic diagram



Pin assignment M12 male connector, 5-pos., A-coded, male side

© Phoenix Contact 2013 - all rights reserved  
<http://www.phoenixcontact.com>