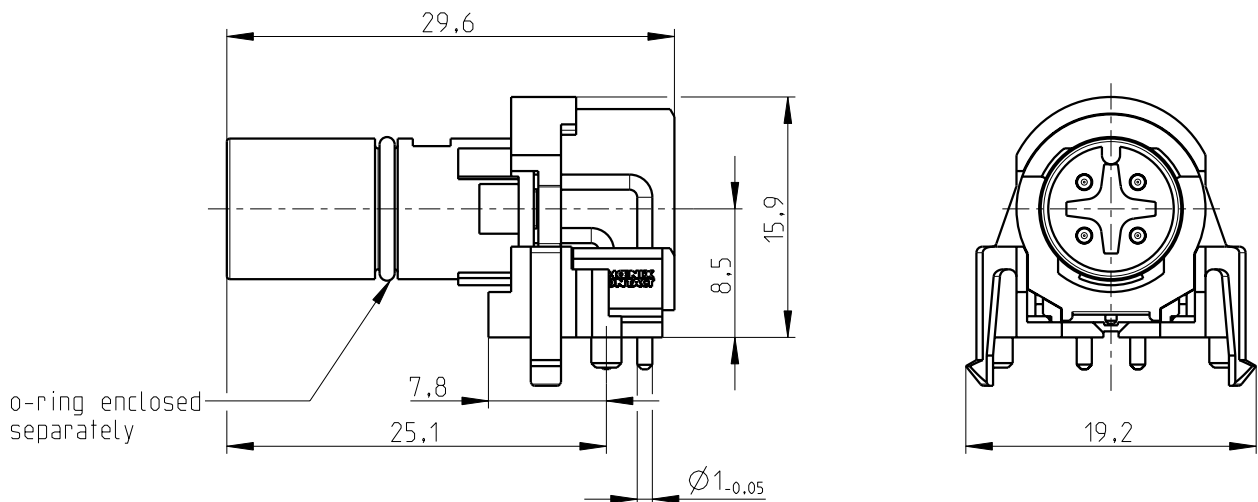


The copying, distribution and utilisation of this document as well as the communication of the contents to others without expressed authorization is prohibited according to §18 UWG German Law. Offenders will be held liable for the payment of damages according to §19 UWG German Law. All rights reserved, in particular the right to carry out patent, utility model or ornamental design registrations.

| Mechanical data<br>(according to IEC 61076-2-101) |                   | Material           |                      |
|---------------------------------------------------|-------------------|--------------------|----------------------|
| no. of poles / coding                             | 4 / A             | contacts / surface | CuZn with gold layer |
| contact termination                               | dip solder / pin  | contact carrier    | PA6T / 66            |
| contact-Ø                                         | 4xØ1mm            | colour             | black                |
| temperature range                                 | -40 °C to +105 °C | sealing gasket     | FKM                  |
| protection class                                  | IP67              |                    |                      |
| mating cycles                                     | >100              |                    |                      |

further information:  
- see technical data M12-3

While mounting the insulating body with o-ring into the housing, the axial mounting force on each connector shouldn't be higher than 80N.  
Avoid radial forces!

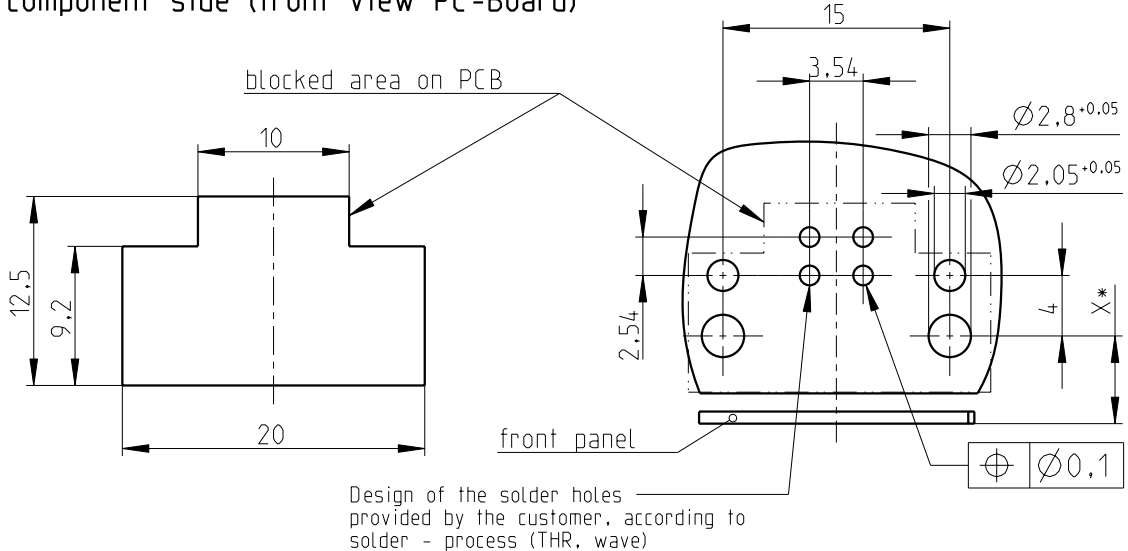


All specified data refers to the mounted M12 installation plugs ≥ IP54 and requires that the connector pair be correctly plugged and locked. Influences from wires, cables or PCB mounting are also to be taken into consideration.

Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts gem. §18 UWG verboten, soweit nicht ausdrücklich gestattet. Zuwiderhandlungen verpflichten zu Schadenersatz (§19 UWG). Alle Rechte vorbehalten, insbesondere das Recht, Patent-, Gebrauchsmuster- oder Geschmacksmusteranmeldungen durchzuführen. PHENIX CONTACT Connector Technology GmbH Heisenbergstrasse 1 D-71083 Herrenberg

## drilling plan component side (front view PC-Board)

\* see installation recommendation  
series M12 DSIV



|                                                                                     |            |        |                                                                        |                          |                      |           |               |                  |  |
|-------------------------------------------------------------------------------------|------------|--------|------------------------------------------------------------------------|--------------------------|----------------------|-----------|---------------|------------------|--|
| general tolerance<br>acc. to DIN ISO 2768-c                                         |            |        | technical changes reserved                                             |                          | Index 2 / 2016-10-17 |           | scale:<br>2:1 |                  |  |
|                                                                                     | date       | name   | Series DSIV<br>M12-male-contact carrier<br>4-pole male/A-coding/angled |                          |                      |           |               | page: 1<br>of: 1 |  |
| design                                                                              | 2012-05-03 | Hieber |                                                                        |                          |                      |           |               |                  |  |
| chk.                                                                                |            |        |                                                                        |                          |                      |           |               |                  |  |
|                                                                                     |            |        |                                                                        |                          |                      |           |               |                  |  |
|  |            |        | drawing-no.:                                                           | BS-04P2NE20000           |                      | doc.-no.: | 97013258      |                  |  |
|                                                                                     |            |        | order-no.:                                                             | 1239628                  |                      |           |               |                  |  |
|                                                                                     |            |        | article designation:                                                   | SACC-C I-M12MS-4CON-L90X |                      |           |               |                  |  |

page: 1  
of: 1