

SACC-DSIV-MSD-4CON-L180 SCOTHR - Device
connector rear mounting

1552175
<https://www.phoenixcontact.com/pc/products/1552175>

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 documentation. Our general terms of use for downloads are valid.



Device connector rear mounting, 4-position, Pin, straight, M12-SPEEDCON, coding: D, Rear mounting, M12 x 1, THR solder connection, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1240004

Commercial data

Item number	1552175
Packing unit	60 pc
Minimum order quantity	60 pc
Product key	ABQAIA
Catalog page	Page 32 (PC-2009)
GTIN	4046356162036
Weight per piece (including packing)	9.4 g
Weight per piece (excluding packing)	9.4 g
Customs tariff number	85366990
Country of origin	DE

SACC-DSIV-MSD-4CON-L180 SCOTHR - Device connector rear mounting



1552175

<https://www.phoenixcontact.com/pc/products/1552175>

Technical data

Notes

Order information:	Lock nut is included in the scope of delivery
--------------------	---

Mounting

Mounting type	Rear mounting M12 x 1 With flat nut
Assembly note	With flat nut

Product properties

Product type	Circular connectors (device side)
Number of positions	4
Shielded	no
Coding	D
Thread type	M12

Data management status

Article revision	09
------------------	----

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Flammability rating according to UL 94	V0
Seal material	FKM / EPDM
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 6.6
Material for screw connection	Zinc die-cast, nickel-plated

Electrical properties

Contact resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage U_N	250 V
Nominal current I_N	4 A

Connection data

Conductor connection

Connection method	THR solder connection
Contact connection type	Pin

Connector

SACC-DSIV-MSD-4CON-L180 SCOTHR - Device connector rear mounting



1552175

<https://www.phoenixcontact.com/pc/products/1552175>

Connection 1

Head design	Pin
Head cable outlet	straight
Head thread type	M12
Head locking type	SPEEDCON
Coding	D

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
	IP67
Ambient temperature (operation)	-25 °C ... 85 °C (Plug)

SACC-DSIV-MSD-4CON-L180 SCOTHR - Device connector rear mounting

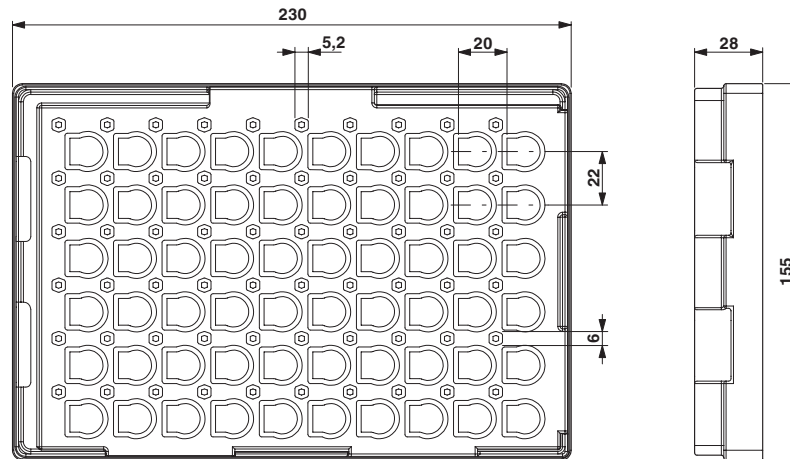


1552175

<https://www.phoenixcontact.com/pc/products/1552175>

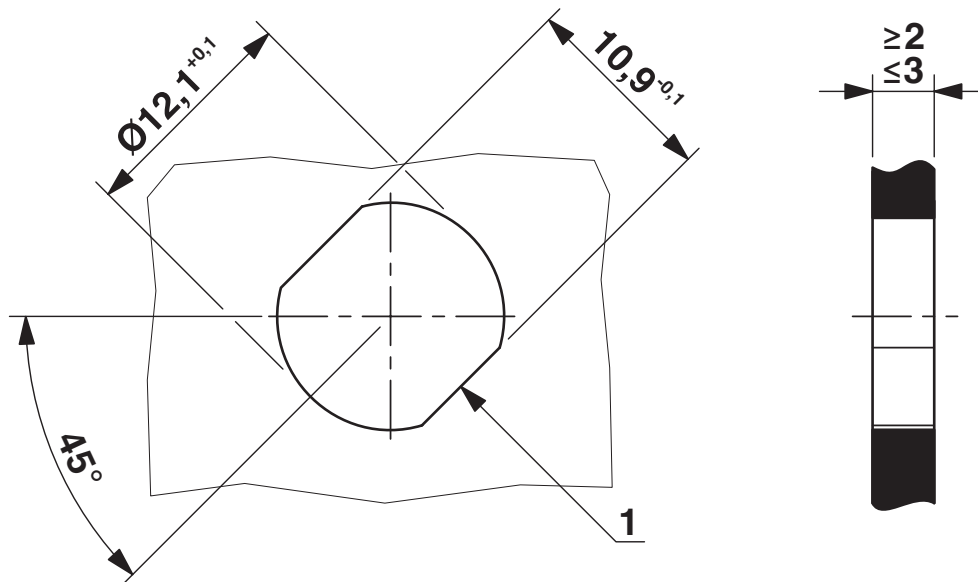
Drawings

Dimensional drawing



THR tray packaging

Dimensional drawing



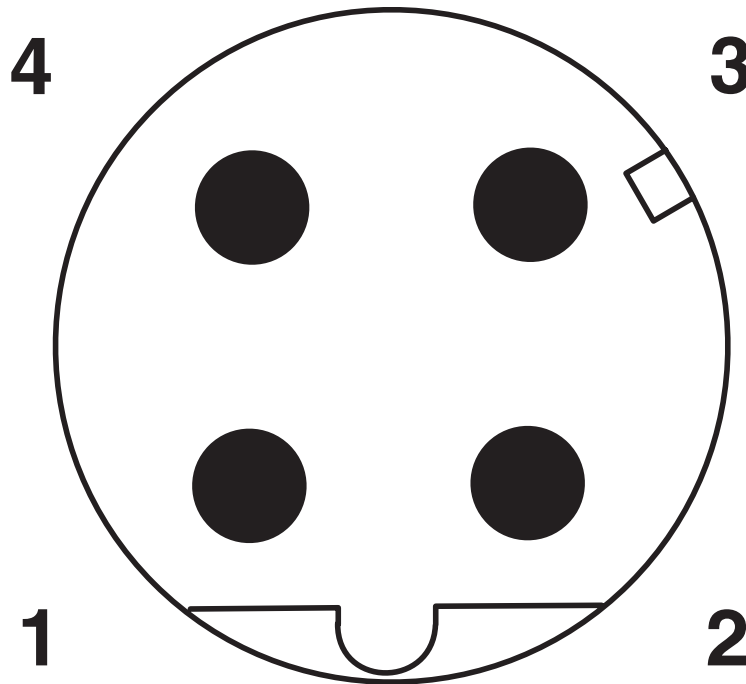
Housing cutout for M12 fastening thread, mounting panel with feed-through hole (alternative with surface as protection against rotation)

SACC-DSIV-MSD-4CON-L180 SCOTHR - Device connector rear mounting

1552175

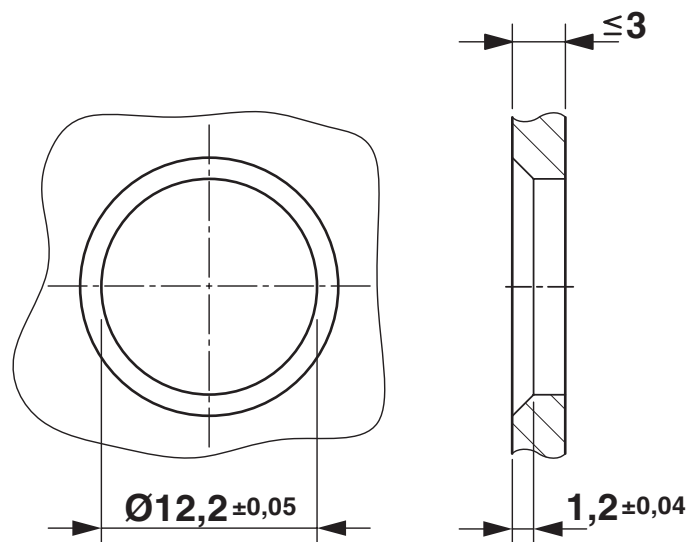
<https://www.phoenixcontact.com/pc/products/1552175>

Schematic diagram



Pin assignment M12 male connector, 4-pos., D-coded, male side

Dimensional drawing



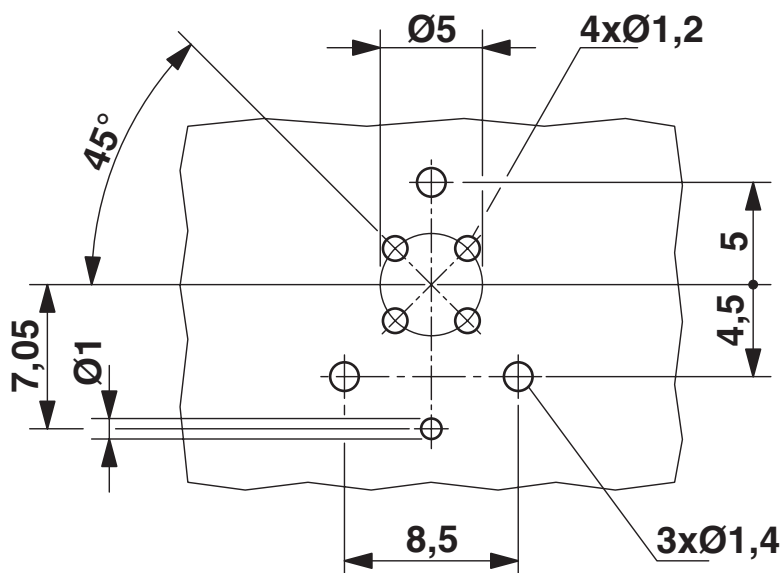
Housing cut-out for two-part M12 flush-type connectors with THR and wave soldering connection, version 2

SACC-DSIV-MSD-4CON-L180 SCOTHR - Device connector rear mounting

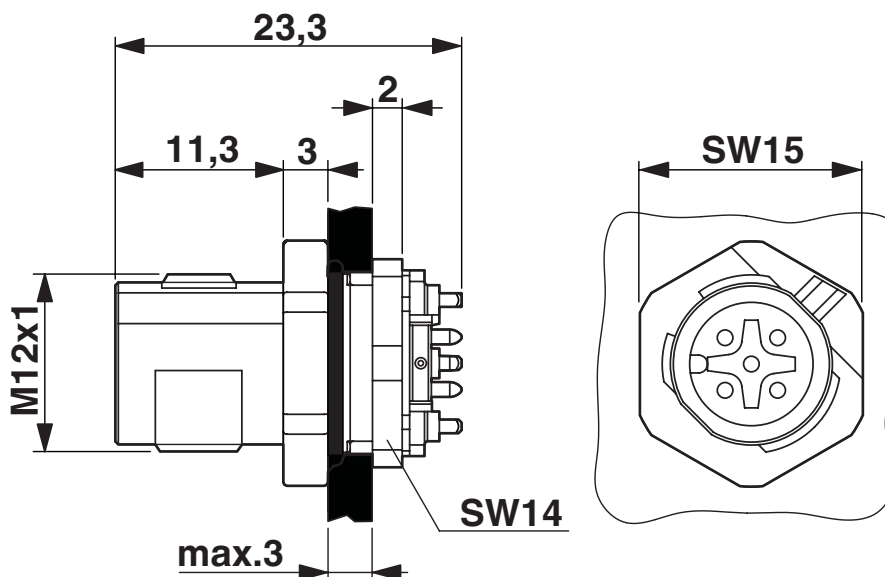
1552175

<https://www.phoenixcontact.com/pc/products/1552175>

Drilling plan/solder pad geometry



Dimensional drawing



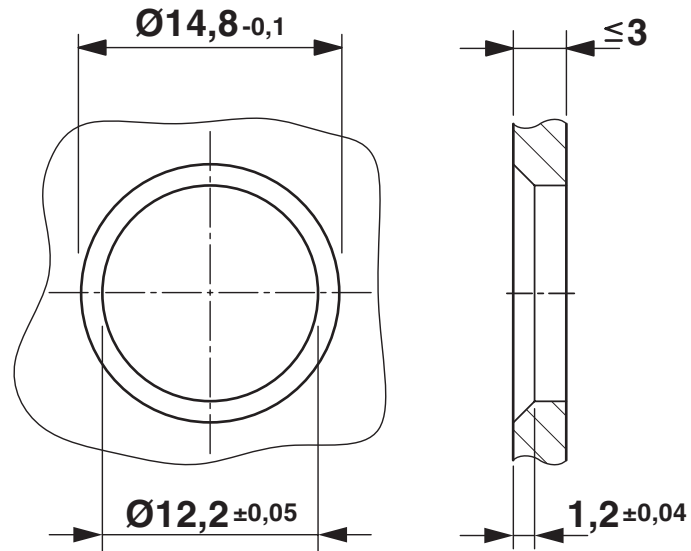
M12 flush-type plug

SACC-DSIV-MSD-4CON-L180 SCOTHR - Device connector rear mounting

1552175

<https://www.phoenixcontact.com/pc/products/1552175>

Dimensional drawing



Housing cut-out for two-part M12 flush-type connectors with THR and wave soldering connection, version 1

SACC-DSIV-MSD-4CON-L180 SCOTHR - Device connector rear mounting



1552175
<https://www.phoenixcontact.com/pc/products/1552175>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/1552175>

	UL Recognized Approval ID: E118976-20100522			
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	250 V	4 A	22 - 22	-

SACC-DSIV-MSD-4CON-L180 SCOTHR - Device connector rear mounting



1552175
<https://www.phoenixcontact.com/pc/products/1552175>

Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

ETIM

ETIM 9.0	EC002635
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

SACC-DSIV-MSD-4CON-L180 SCOTHR - Device connector rear mounting



1552175
<https://www.phoenixcontact.com/pc/products/1552175>

Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)
China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	135bf312-2c83-4f0a-9876-5eef96aab2dd

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachmarktstraße 8
D-32825 Blomberg
+49 (0) 5235-3 00
info@phoenixcontact.com