

RC-12S1NC20000 - Contact insert



1599367

<https://www.phoenixcontact.com/us/products/1599367>

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.



Contact insert, M23, number of positions: 12, contact connection type: Socket, Solder-in connection, series: RC, TU, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1241082

Commercial data

Item number	1599367
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AB31
Product key	ABRAFU
GTIN	4046356225618
Weight per piece (including packing)	12.51 g
Weight per piece (excluding packing)	9.93 g
Customs tariff number	85366990
Country of origin	DE

RC-12S1NC20000 - Contact insert



1599367

<https://www.phoenixcontact.com/us/products/1599367>

Technical data

Product properties

Product type	Contact insert
Series	RC
	TU
Application	Signal
Number of positions	12
Connection profile	12
Coding	N
Thread type	M23

Electrical properties

Contact

Contact diameter	1 mm
Max. current	8 A
Overvoltage category	III
Degree of pollution	3
Rated surge voltage	1.5 kV

Connection data

Connection method	Solder-in connection
-------------------	----------------------

Material specifications

Insulator material	PBT
Contact material	CuZn
Contact surface	Nickel-plated, gold coating

Connector

Direction of rotation	Standard
-----------------------	----------

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	50
-----------------------------	----

RC-12S1NC20000 - Contact insert

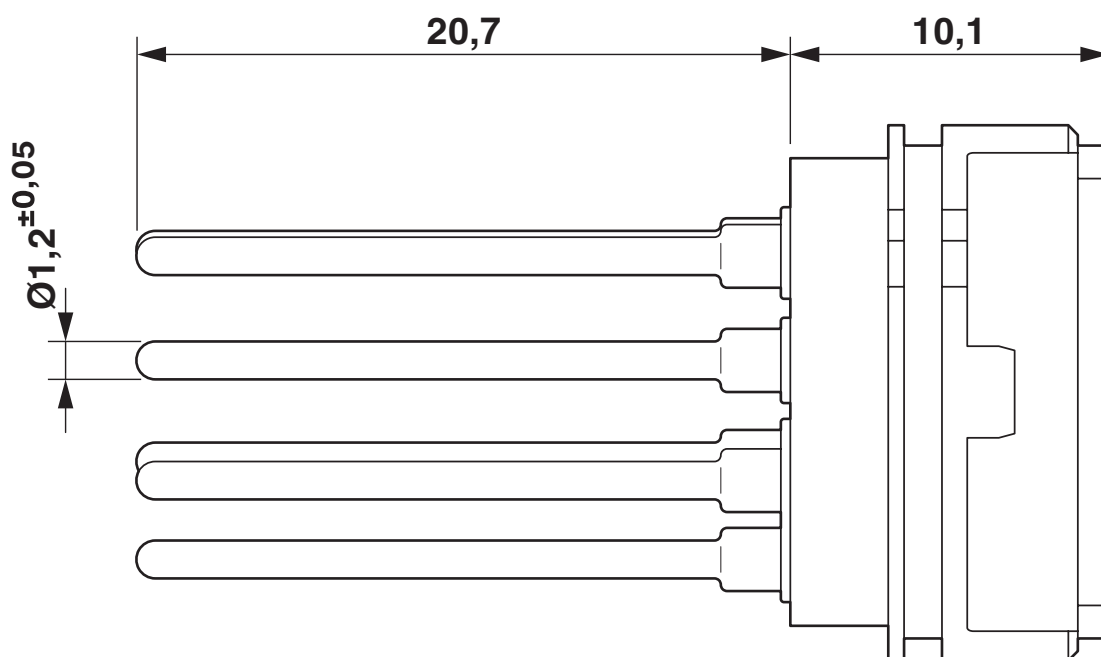


1599367

<https://www.phoenixcontact.com/us/products/1599367>

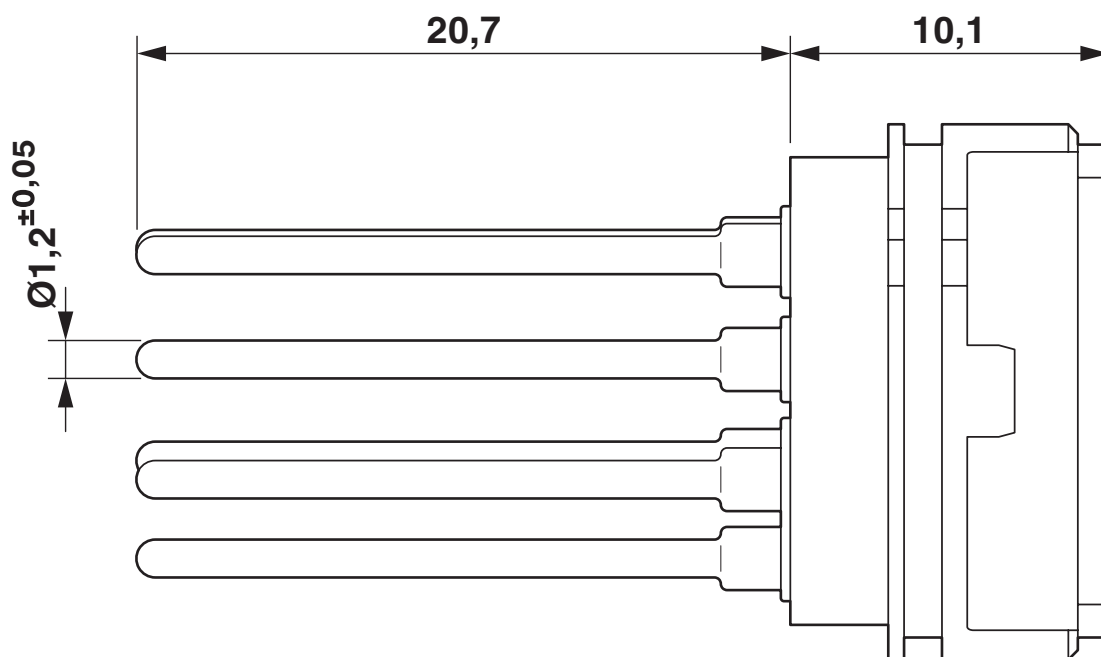
Drawings

Dimensional drawing



Dimensional drawing

Schematic diagram



Dimensional drawing

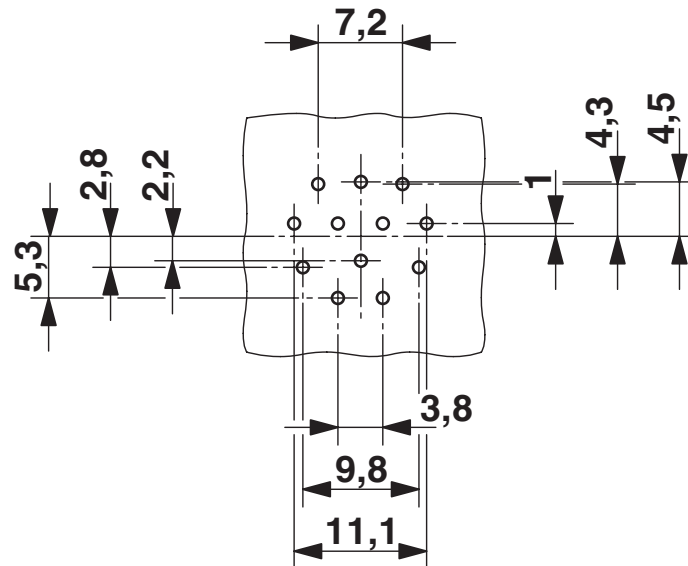
RC-12S1NC20000 - Contact insert

1599367

<https://www.phoenixcontact.com/us/products/1599367>



Drilling plan/solder pad geometry



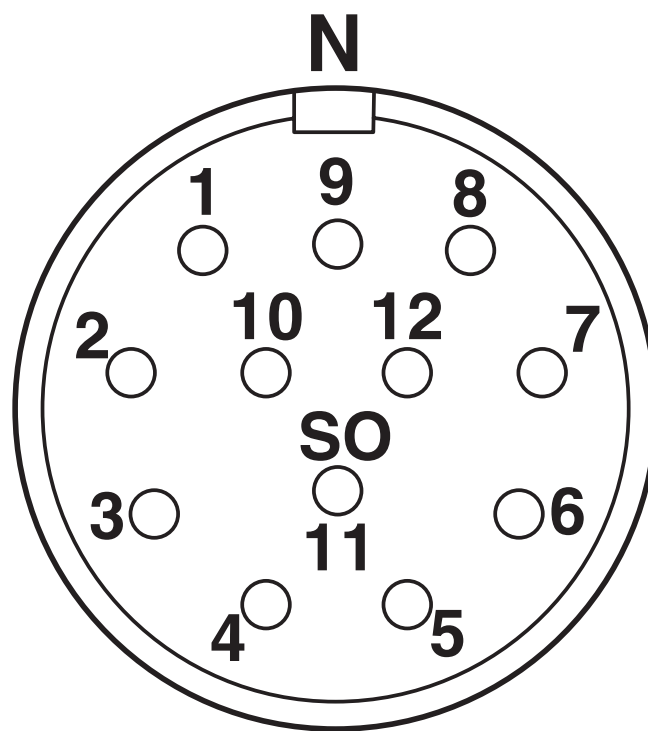
RC-12S1NC20000 - Contact insert

1599367

<https://www.phoenixcontact.com/us/products/1599367>



Schematic diagram



Connector pin assignment

RC-12S1NC20000 - Contact insert



1599367

<https://www.phoenixcontact.com/us/products/1599367>

Classifications

ECLASS

ECLASS-11.0	27440223
ECLASS-12.0	27440223
ECLASS-13.0	27440223

ETIM

ETIM 9.0	EC003557
----------	----------

UNSPSC

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

RC-12S1NC20000 - Contact insert



1599367

<https://www.phoenixcontact.com/us/products/1599367>

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	86b4e6aa-da40-4ab3-a473-7e1f9999abc6

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

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com