

# RC-07S1NA2H000 - Device connector rear mounting



1618494

<https://www.phoenixcontact.com/us/products/1618494>

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.



The figure shows the 12-pos.  
product version

M23, Device connector rear mounting, application: Signal, series: RC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 6, Direction of rotation: Standard, contact connection type: Socket, Solder-in connection, Axial O-ring, Panel thickness min.: 0.8 mm, Panel thickness max.: 6.5 mm, coding: N. This product is in the process of being discontinued. This product must no longer be considered for new projects. Please contact your sales representative for alternatives.

## Commercial data

Item number	1618494
Packing unit	12 pc
Minimum order quantity	12 pc
Product key	ABRAFR
GTIN	4046356977777
Weight per piece (including packing)	62.75 g
Weight per piece (excluding packing)	57.548 g
Country of origin	DE

# RC-07S1NA2H000 - Device connector rear mounting



1618494

<https://www.phoenixcontact.com/us/products/1618494>

## Technical data

### Product properties

Product type	Circular connectors (device side)
--------------	-----------------------------------

### Dimensions

Length of the solder pin	3.5 mm
	3.5 mm

### Connector

#### Insulating body

Coding	N
Insertion/withdrawal cycles	50
Connection method	Solder-in connection
Contact switching type	Socket
Application	Signal
Number of positions	7
Direction of rotation	Standard
Connection profile	6
Contact diameter (Contact group 1)	2 mm
Rated current Contact (Contact group 1)	20 A (for max. connection cross section)
Rated voltage Contact (Contact group 1)	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

#### Housing

Type	Feed-through header
Thread type	M23
Design	straight
Type of locking	Screw locking mechanism
Pg screw connection	none
Mounting type	Rear mounting (M25 x 1,5)
Assembly note	Central fastening
Material (Housing)	GD-Zn
Material (Housing surface)	Ni
Material (Rotating parts)	CuZn
Degree of protection (plugged in)	IP67
Seal for the device	Axial O-ring

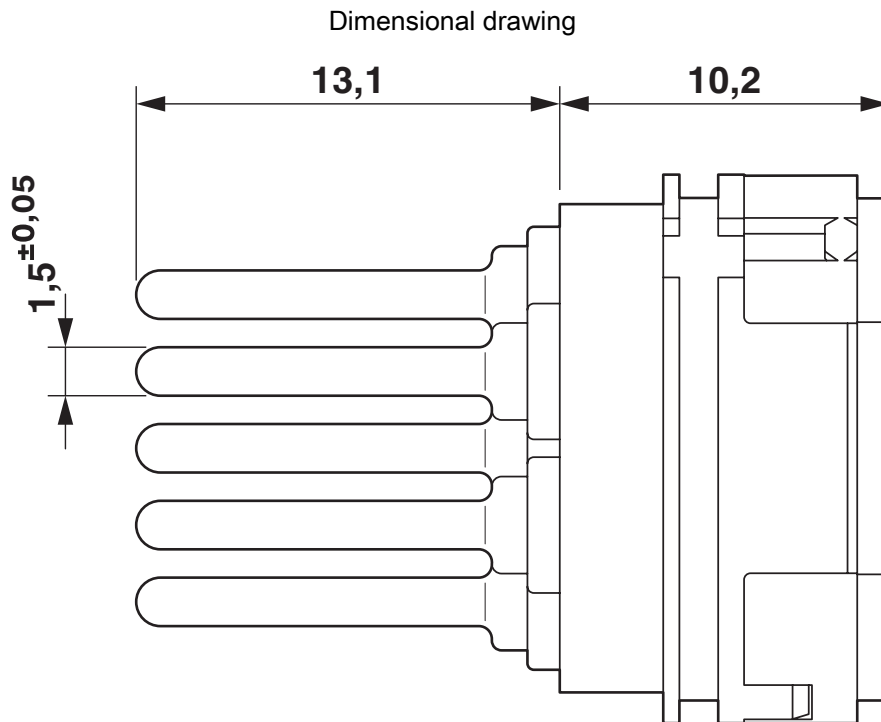
# RC-07S1NA2H000 - Device connector rear mounting



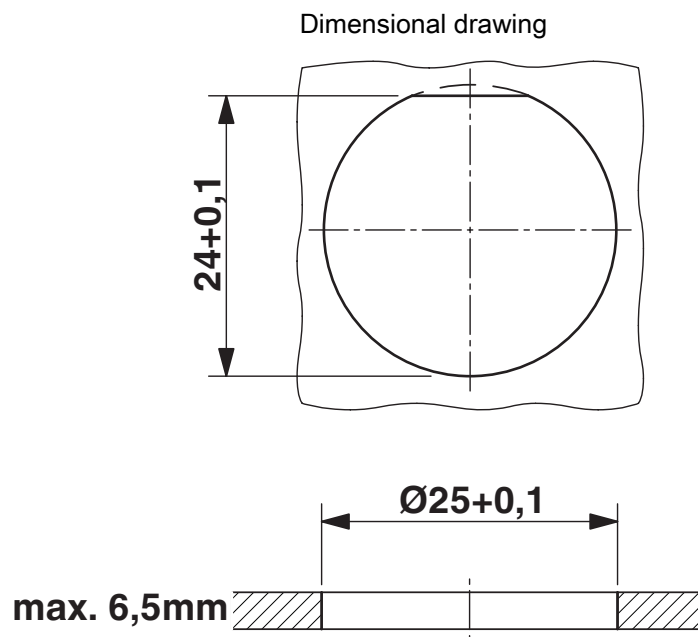
1618494

<https://www.phoenixcontact.com/us/products/1618494>

## Drawings



Dimensional drawing



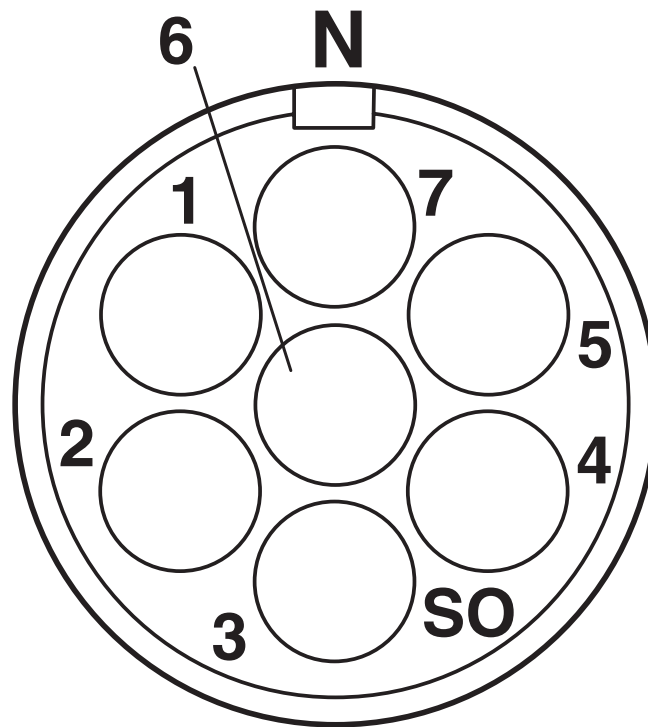
Installation dimensions

# RC-07S1NA2H000 - Device connector rear mounting

1618494

<https://www.phoenixcontact.com/us/products/1618494>

Schematic diagram



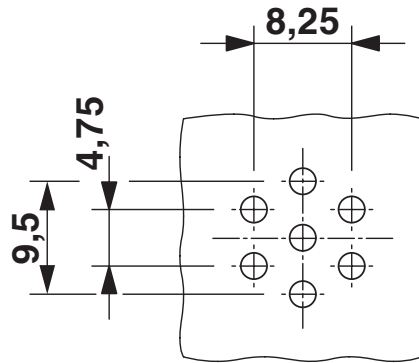
Connector pin assignment

# RC-07S1NA2H000 - Device connector rear mounting

1618494

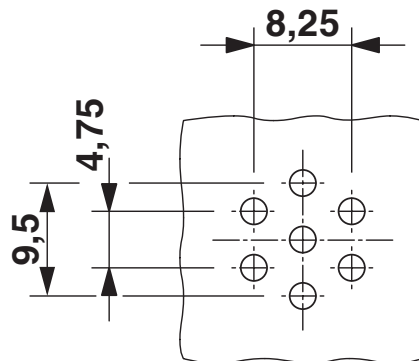
<https://www.phoenixcontact.com/us/products/1618494>

Drilling plan/solder pad geometry



7-pos.

Drilling plan/solder pad geometry



# RC-07S1NA2H000 - Device connector rear mounting



1618494

<https://www.phoenixcontact.com/us/products/1618494>

## Classifications

### ECLASS

ECLASS-13.0	27440109
ECLASS-15.0	27440109

### ETIM

ETIM 10.0	EC003569
-----------	----------

### UNSPSC

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

1618494

<https://www.phoenixcontact.com/us/products/1618494>

## 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	cc2995c5-d92e-4f55-b573-10c2a11f0550

Phoenix Contact 2026 © - 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](mailto:info@phoenixcon.com)