

1614175  
<https://www.phoenixcontact.com/us/products/1614175>

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M23, Device connector rear mounting, 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, Central fastening M25 x 1.5, Panel thickness min.: 0.8 mm, Panel thickness max.: 6.5 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1242855

Commercial data

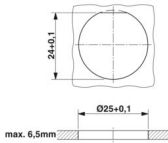
Item number	1614175
Packing unit	12 pc
Minimum order quantity	12 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAFR
GTIN	4046356404082
Weight per piece (including packing)	62 g
Weight per piece (excluding packing)	62 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Product properties

Product type	Circular connectors (device side)
Data management status	
Article revision	06

Dimensions

Dimensional drawing	
Length of the solder pin	3.5 mm
	3.5 mm

Connector

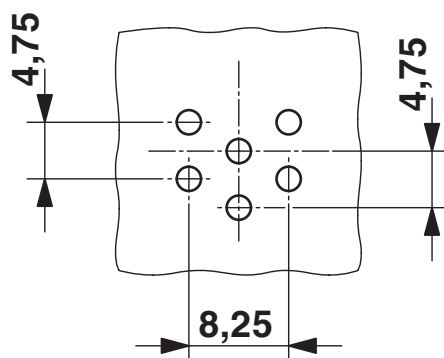
Insulating body	
Coding	N
Insertion/withdrawal cycles	50
Connection method	Solder-in connection
Contact switching type	Socket
Application	Signal
Number of positions	6
Direction of rotation	Standard
Connection profile	6
Contact diameter	2 mm
Power contacts	
Rated current	20 A
Rated voltage	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

Housing

Housing material	Metal
Type of locking	Screw locking mechanism
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

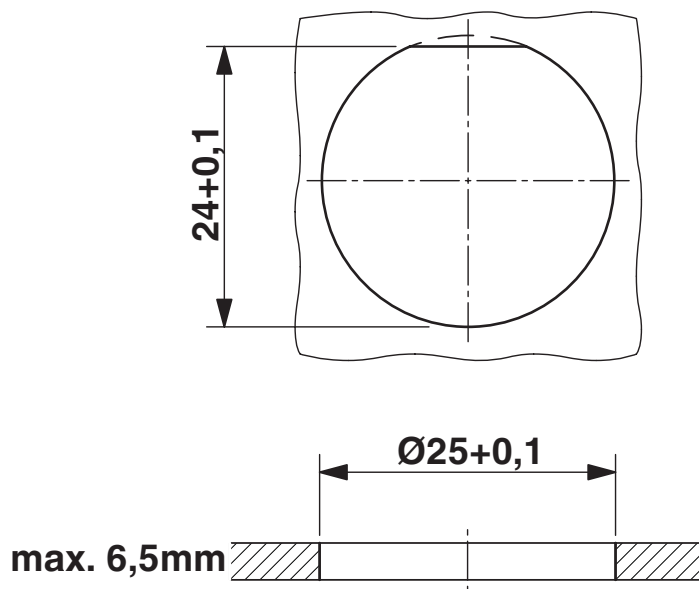
## Drawings

Drilling plan/solder pad geometry



6-pos.

Dimensional drawing

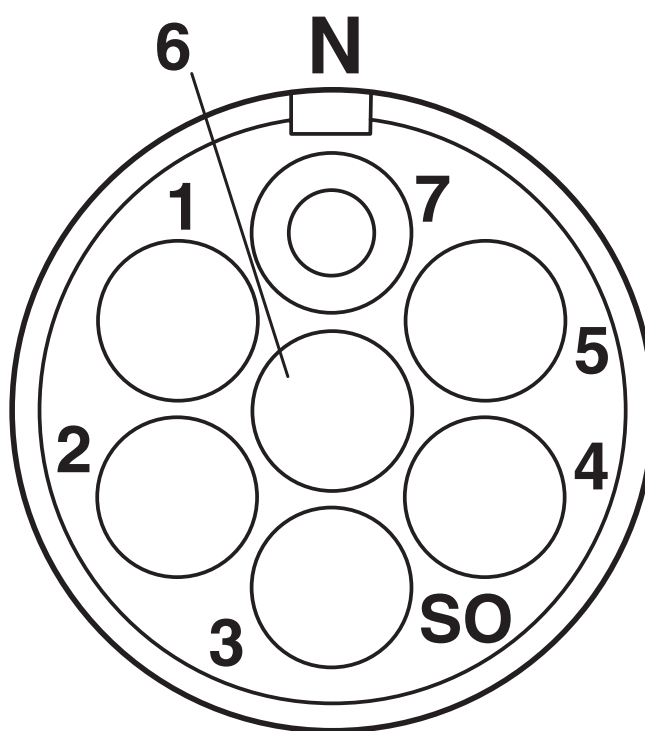


Installation dimensions

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Schematic diagram



Connector pin assignment

# RC-06S1NA2H000 - Device connector rear mounting



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## Classifications

### ECLASS

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

### ETIM

ETIM 9.0	EC002635
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### UNSPSC

UNSPSC 21.0	39121400
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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	a0a5ee42-5e08-4253-abd1-db45dd329460