

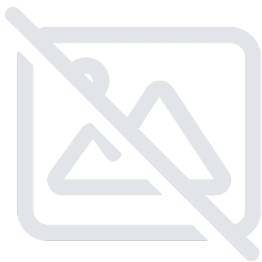
# RC-07S1NA24000 - Device connector rear mounting



1594790

<https://www.phoenixcontact.com/us/products/1594790>

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M23, Device connector rear mounting, series: RC, straight, Screw locking mechanism, No. of pos.: 6, Direction of rotation: Standard, contact connection type: Socket, Solder-in connection, Flat gasket, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1240543

## Commercial data

Item number	1594790
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFR
GTIN	4046356203432
Weight per piece (including packing)	36.3 g
Weight per piece (excluding packing)	30.37 g
Country of origin	DE

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## Technical data

### Product properties

Product type	Circular connectors (device side)
Thread type	M23

### Material specifications

Flammability rating according to UL 94	V0
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### Connection data

#### Conductor connection

Connection method	Solder connection
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### 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
Diameter Contact (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

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

### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP67
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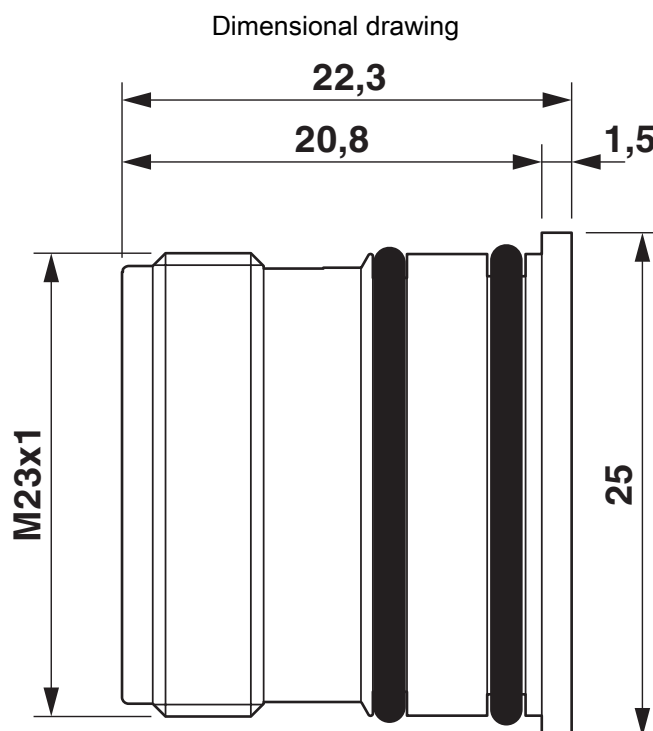
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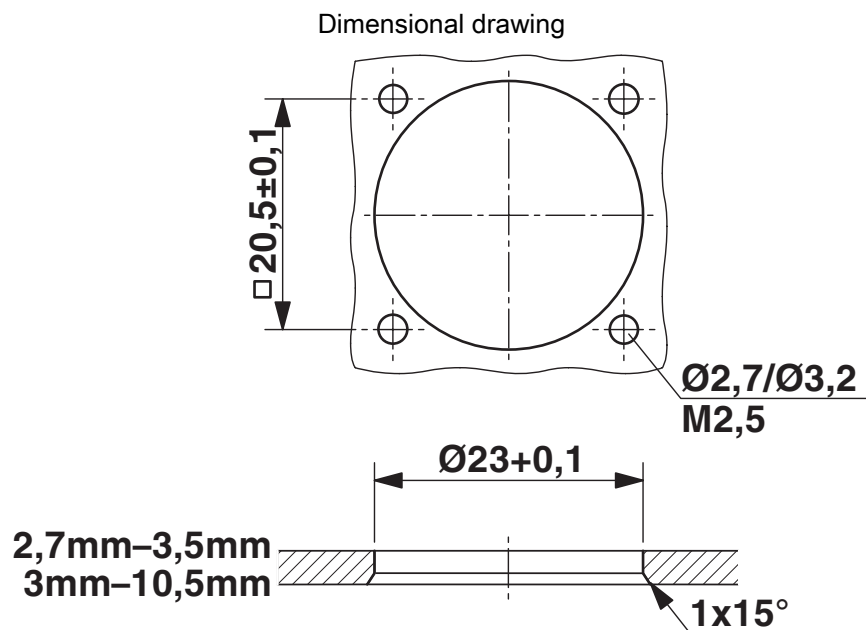
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## Drawings



Dimensional drawing



Installation dimensions

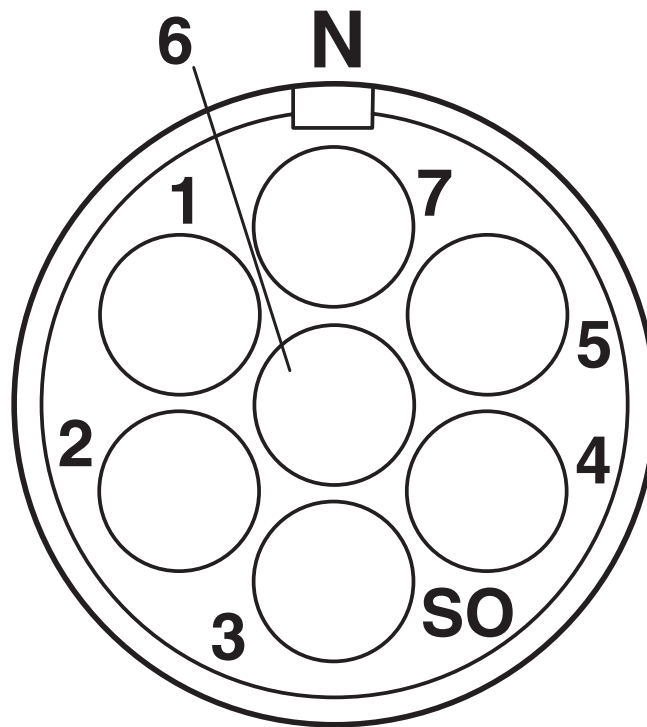
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Schematic diagram



Connector pin assignment

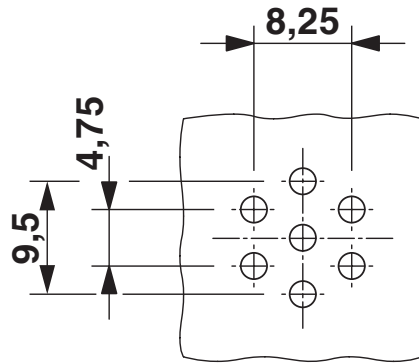
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Drilling plan/solder pad geometry



7-pos.

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## Classifications

### ETIM

ETIM 9.0	EC003569
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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	5730c51c-e1b9-4f4e-b579-da9ad945451d

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