

RC-1LS1NP24200 - Device connector rear mounting



1621702

<https://www.phoenixcontact.com/us/products/1621702>

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M23, Device connector rear mounting, application: Signal, series: RC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 16+3, Direction of rotation: Standard, contact connection type: Socket, Solder-in connection, Radial O-ring, Panel thickness min.: 2.7 mm, Panel thickness max.: 3.5 mm, coding: N

The figure shows the 12-pos.
product version

Commercial data

Item number	1621702
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFR
GTIN	4046356611084
Weight per piece (including packing)	36.73 g
Weight per piece (excluding packing)	36.73 g
Country of origin	DE

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Technical data

Product properties

Product type	Circular connectors (device side)
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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	19
Direction of rotation	Standard
Connection profile	16+3
Number (Contact group 1)	2
Contact diameter (Contact group 1)	1.5 mm
Litz wires Min. cross section (Contact group 1)	0.6 mm ²
Litz wires Max. cross section (Contact group 1)	0.6 mm ²
Rated current Contact (Contact group 1)	10 A
Rated voltage Contact (Contact group 1)	150 V
Rated surge voltage	1.5 kV
Overvoltage category	II
Degree of pollution	3
Number (Contact group 2)	1
Contact diameter (Contact group 2)	1.5 mm
Litz wires Max. cross section (Contact group 2)	0.6 mm ²
Rated voltage Contact (Contact group 2)	150 V (leading contact)
Rated surge voltage	1.5 kV
Overvoltage category	II
Degree of pollution	3
Number (Contact group 3)	16
Contact diameter (Contact group 3)	1 mm
Litz wires Max. cross section (Contact group 3)	0.6 mm ²
Rated current Contact (Contact group 3)	8 A (for max. connection cross section)
Rated voltage Contact (Contact group 3)	150 V
Overvoltage category	II
Degree of pollution	3

Housing

Type	Flange housing
Thread type	M23
Design	straight

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Type of locking	Screw locking mechanism
Pg screw connection	none
Mounting type	Rear mounting/square flange (4x M2,5)
Material (Housing)	GD-Zn
Material (Housing surface)	Ni
Material (Rotating parts)	CuZn
Degree of protection (plugged in)	IP67
Seal for the device	Radial O-ring

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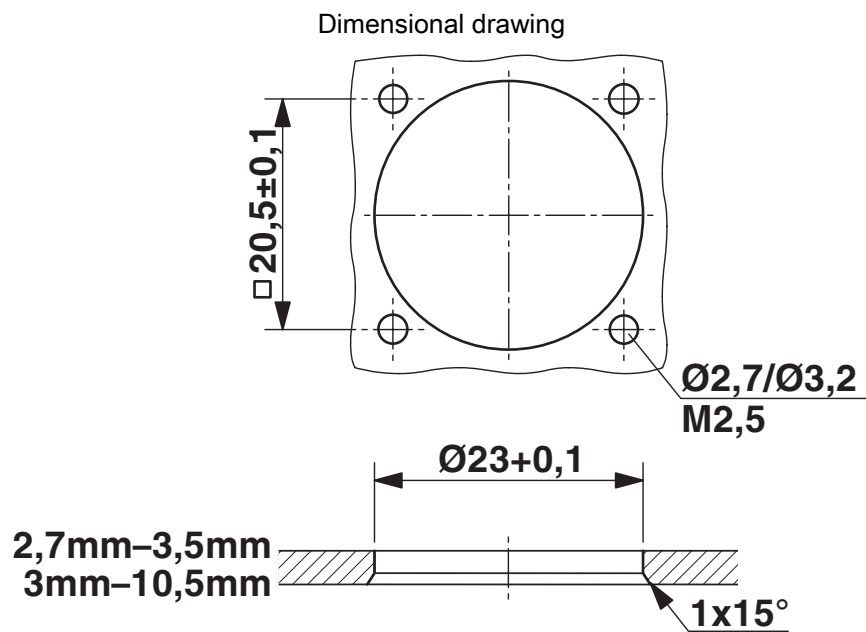
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Drawings



Dimensional drawing



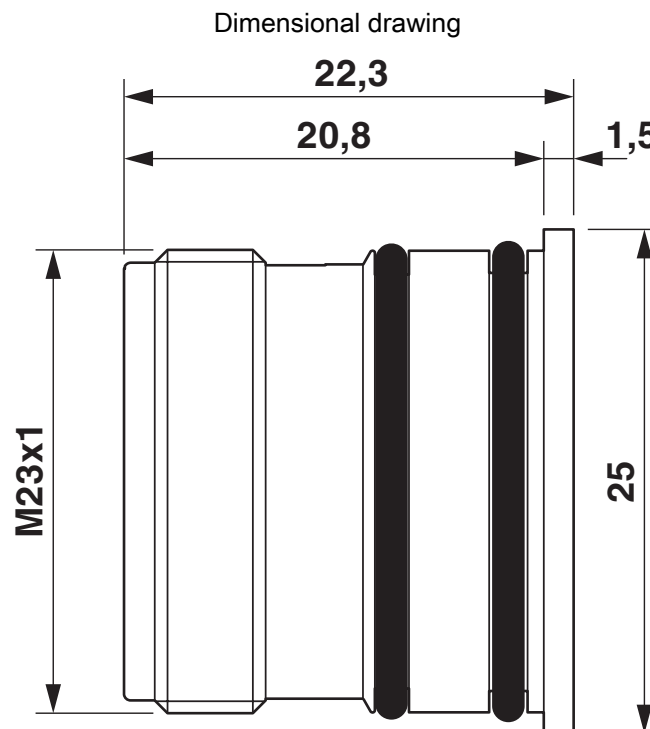
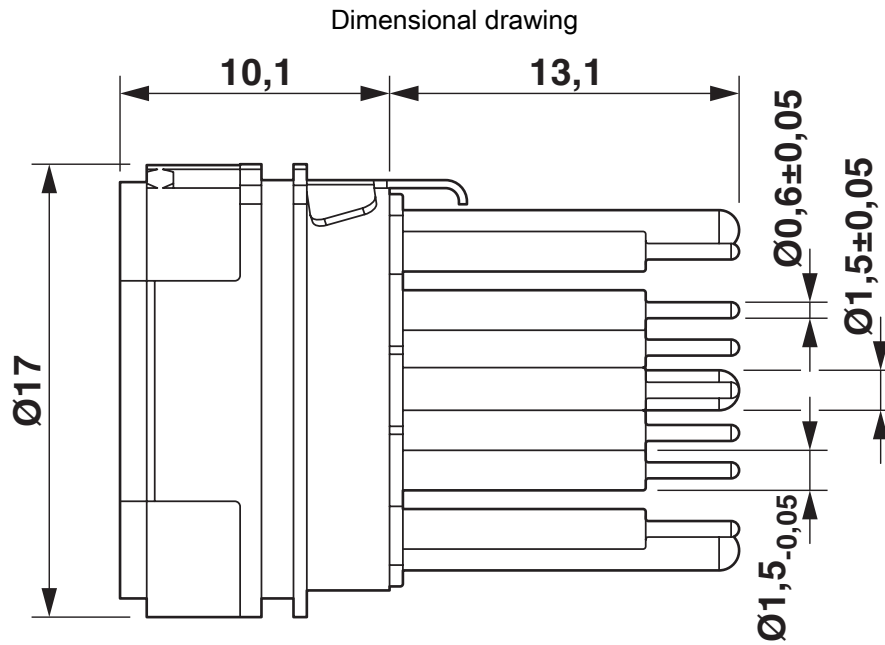
Installation dimensions

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Dimensional drawing

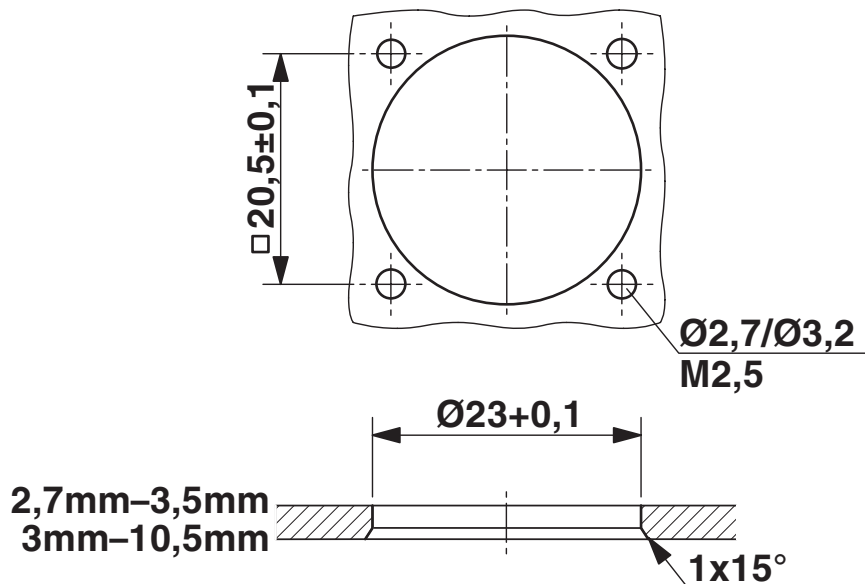
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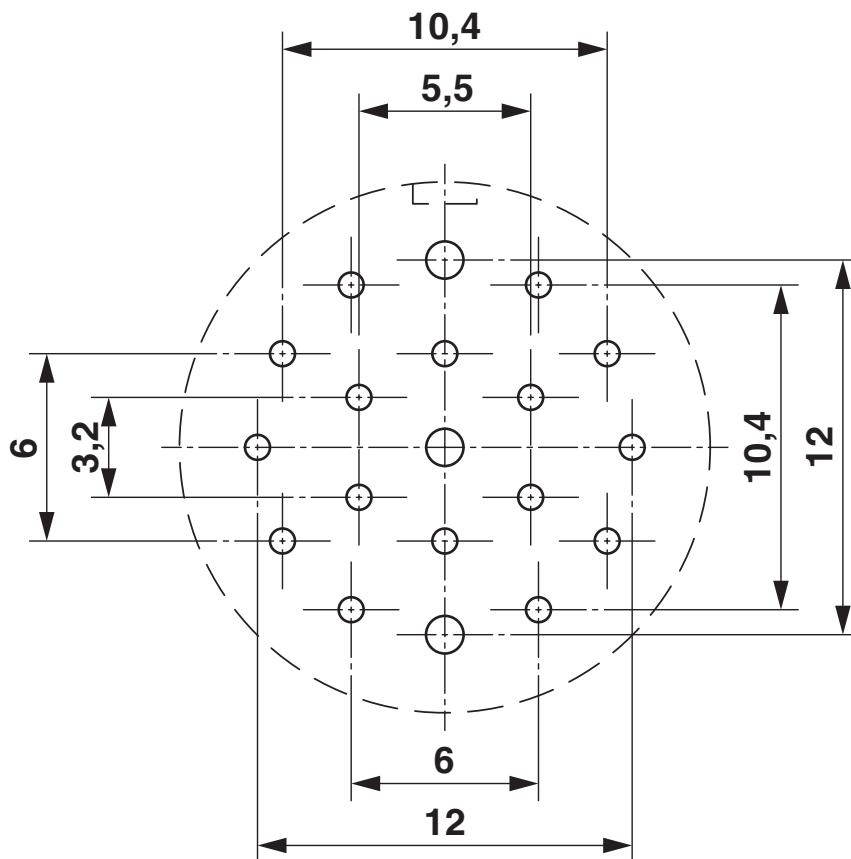
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Dimensional drawing



Installation dimensions

Drilling plan/solder pad geometry



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Classifications

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)
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