

RC-06S1N12Q0M8 - Circular connector (cable-side)



1621209

<https://www.phoenixcontact.com/us/products/1621209>

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Commercial data

Item number	1621209
Packing unit	10 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFJ
GTIN	4046356896290
Weight per piece (including packing)	106.66 g
Weight per piece (excluding packing)	106.66 g
Country of origin	DE

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Technical data

Product properties

Product type	Circular connector (cable-side)
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Connector

Insulating body

Coding	N
Insertion/withdrawal cycles	50
Connection method	Solder cup
Contact switching type	Socket
Application	Signal
Number of positions	6
Direction of rotation	Standard
Connection profile	6
Contact diameter	2 mm
Litz wire cross-section	0.08 mm ²
Litz wire cross-section	2.5 mm ²
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

Degree of protection (plugged in)	IP67
Thread type	M23

Seal

External cable diameter	6.5 mm ... 7.5 mm
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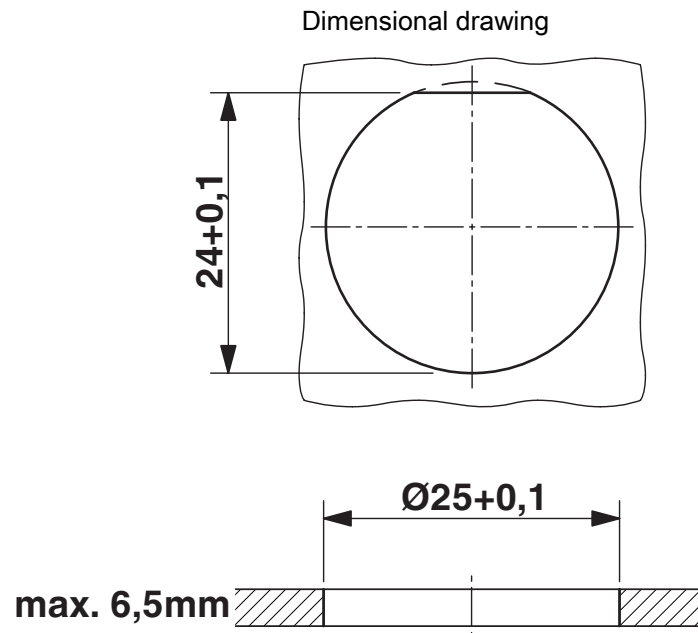
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Drawings



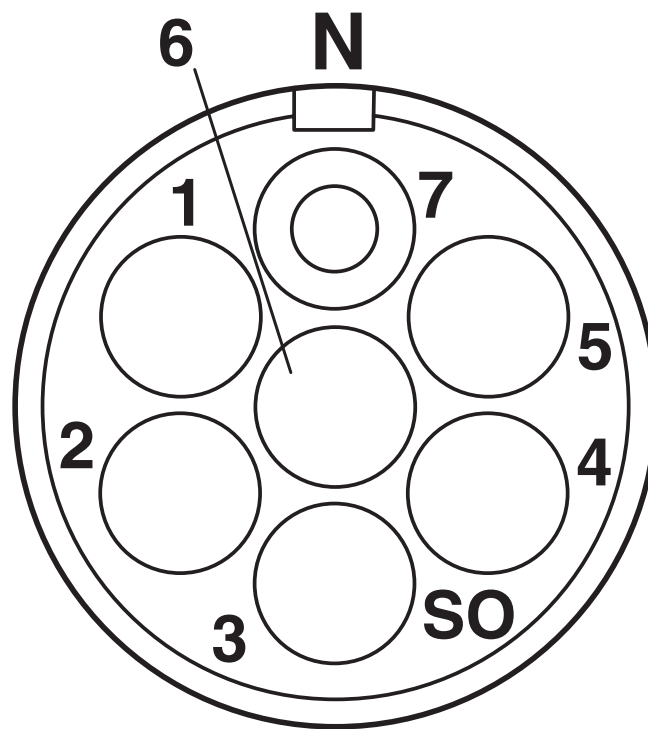
Installation dimensions

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Schematic diagram



Connector pin assignment

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Classifications

UNSPSC

UNSPSC 21.0	39131505
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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.)	No substance above 0.1 wt%
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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com