RC-12S1N12FB54 - Crimp contact

1598815

https://www.phoenixcontact.com/us/products/1598815

PHŒNIX CONTACT

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M23, Crimp contact, series: RC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 12, Direction of rotation: Standard, contact connection type: Socket, Solder cup, coding: N

Commercial data

Item number	1598815
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFG
GTIN	4046356222648
Weight per piece (including packing)	103.99 g
Weight per piece (excluding packing)	103.99 g
Country of origin	DE

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Technical data

Notes

Order information:	Double bracket strain relief included

Product properties

Product type	Circular connector (cable-side)

Connector

Insulating body

Coding	N
Contact material	CuZn
Contact surface material	Ni/Au
Insertion/withdrawal cycles	50
Connection method	Solder cup
Contact switching type	Socket
Application	Signal
Number of positions	12
Direction of rotation	Standard
Connection profile	12
Number Contact (Contact group 1)	12
Diameter Contact (Contact group 1)	1 mm
Litz wire cross-section min. Contact (Contact group 1)	0.08 mm²
Litz wire cross-section max. Contact (Contact group 1)	1 mm²
Rated current Contact (Contact group 1)	8 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

Order information:	Order contact inserts and cable clamping/shield accessories separately
Thread type	M23
Type of locking	Screw locking mechanism
Pg screw connection	none
Housing material	Metal
Degree of protection (plugged in)	IP67

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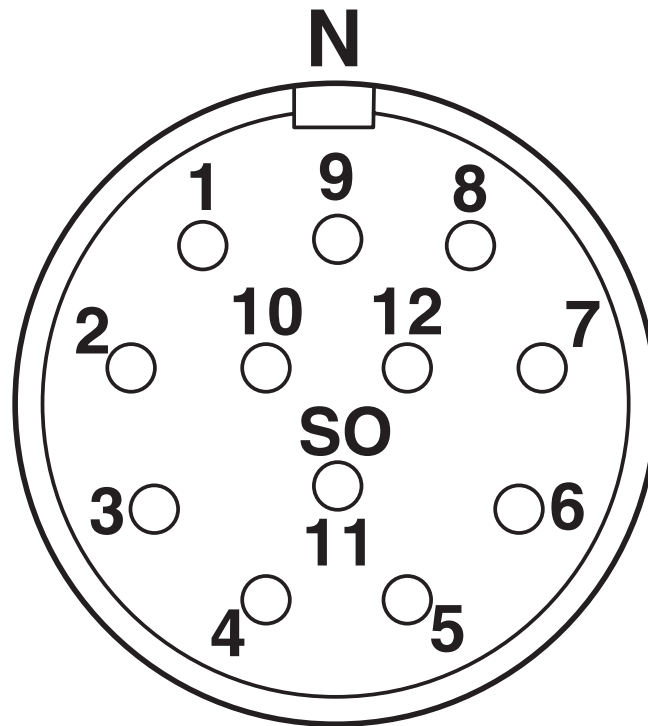
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Drawings

Schematic diagram

Connector pin assignment

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Schematic diagram
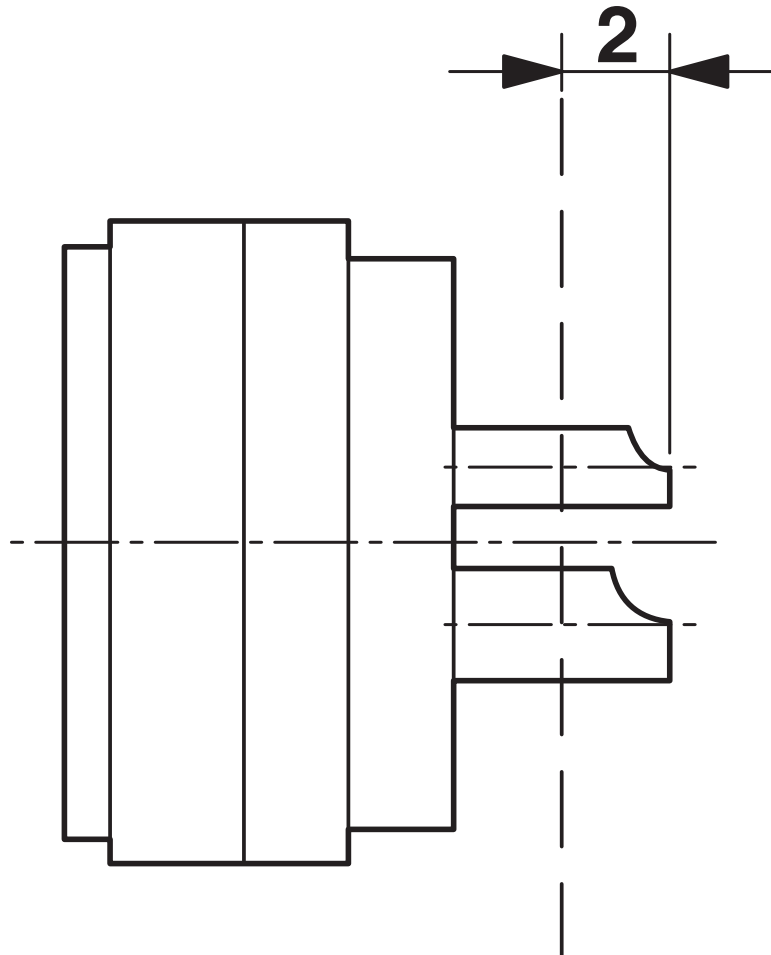
Dimensional drawing

Environmental product compliance

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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