

RC-63S1NC20000X - Contact insert



1241672

<https://www.phoenixcontact.com/us/products/1241672>

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Contact insert, M23, number of positions: 6+3, contact connection type: Socket, Solder pins, series: RC, TU, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

Commercial data

Item number	1241672
Packing unit	10 pc
Minimum order quantity	10 pc
Product key	ABRAFU
GTIN	4063151426958
Weight per piece (including packing)	12.52 g
Weight per piece (excluding packing)	6.719 g
Country of origin	DE

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Technical data

Product properties

Product type	Contact insert
Series	RC
	TU
Application	Signal
Number of positions	9
Connection profile	6+3
Coding	N
Thread type	M23

Electrical properties

Contact: Contact group 1

Contact diameter	2 mm
Nominal current I_N	20 A
Nominal voltage U_N	48 V AC
	74 V DC
Overvoltage category	III
Degree of pollution	3
Rated surge voltage	1.5 kV

Contact: Contact group 2

Contact diameter	1 mm
Nominal current I_N	8 A

Connection data

Connection method	Solder pins
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Material specifications

Material Insulating body	PBT
Material Contact	Cu/Zn
Material Contact surface	Ni/Au

Connector

Direction of rotation	Standard
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Mechanical properties

Mechanical data

Insertion/withdrawal cycles	50
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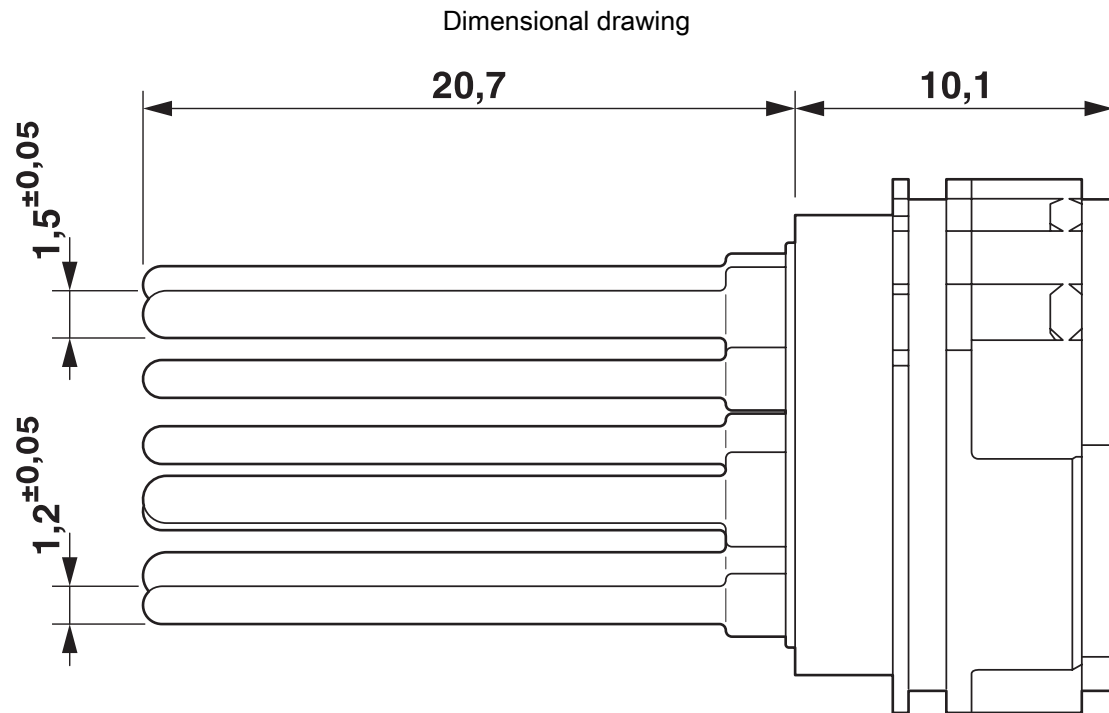
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Drawings



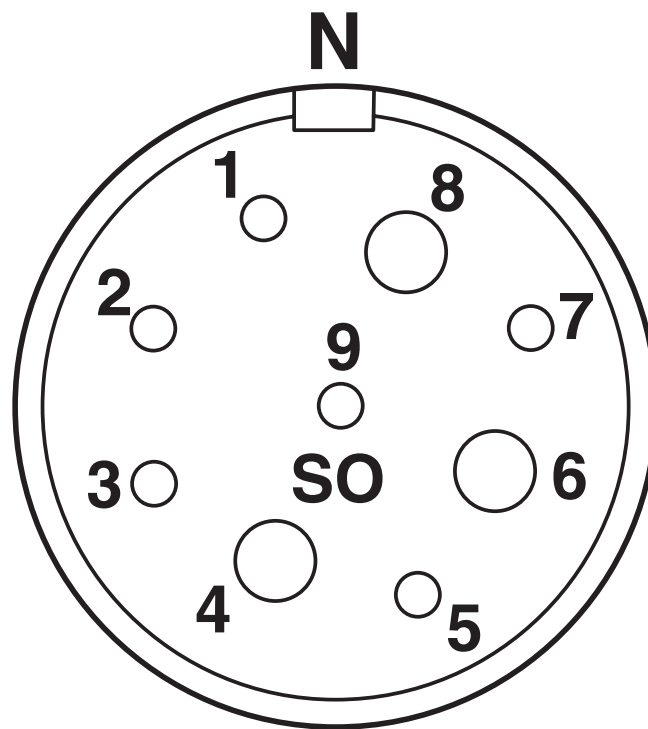
Dimensional drawing

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Schematic diagram



Connector pin assignment

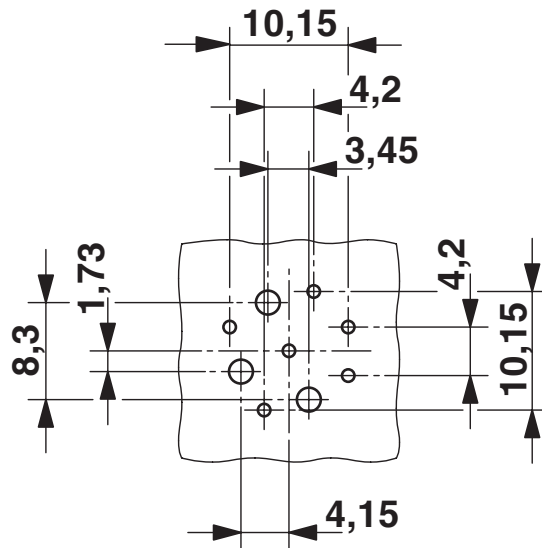
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Drilling plan/solder pad geometry



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Classifications

ETIM

ETIM 9.0	EC003557
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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