

RC-09S1NA20000 - Contact insert

1596421

<https://www.phoenixcontact.com/us/products/1596421>



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Contact insert, M23, number of positions: 8+1, contact connection type: Socket, Solder-in connection, series: RC, TU, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1240706

Commercial data

Item number	1596421
Packing unit	10 pc
Minimum order quantity	10 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAFU
GTIN	4046356211246
Weight per piece (including packing)	11.2 g
Weight per piece (excluding packing)	11.2 g
Customs tariff number	85366990
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	8+1
Coding	N
Thread type	M23

Electrical properties

Contact

Contact diameter	2 mm
Max. current	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 diameter	1 mm
Max. current	8 A

Connection data

Connection method	Solder-in connection
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Material specifications

Insulator material	PBT
Contact material	CuZn
Contact surface	Nickel-plated, gold coating

Connector

Direction of rotation	Standard
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Mechanical properties

Mechanical data

Insertion/withdrawal cycles	50
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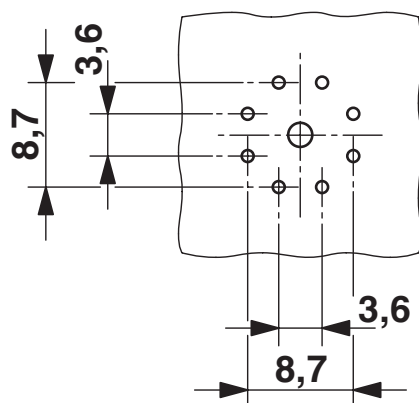
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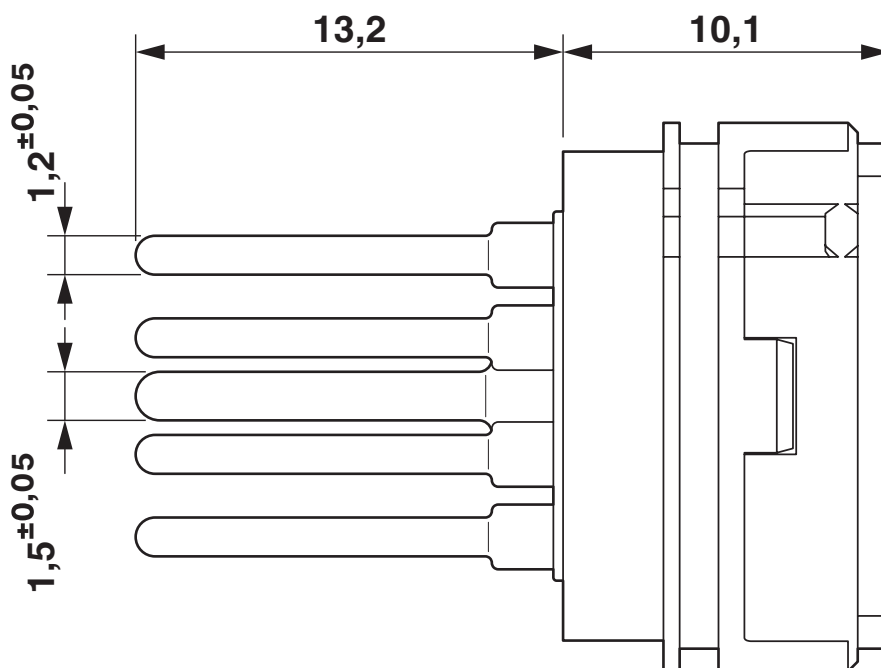


Drawings

Drilling plan/solder pad geometry



Dimensional drawing



Dimensional drawing

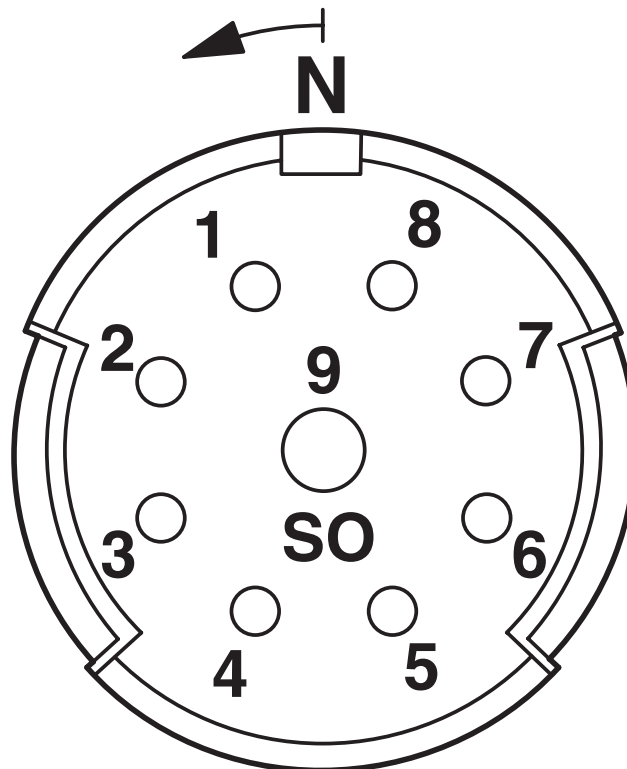
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Schematic diagram



Connector pin assignment

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Classifications

ECLASS

ECLASS-11.0	27440223
ECLASS-12.0	27440223
ECLASS-13.0	27440223

ETIM

ETIM 9.0	EC003557
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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	41285149-a5e2-47b1-8b65-fbf38b4ee547

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