

RC-12P1NA20000 - Contact insert

1597643

<https://www.phoenixcontact.com/us/products/1597643>



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Contact insert, M23, number of positions: 12, contact connection type: Pin, Solder-in connection, series: RC, TU, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1240865

Commercial data

Item number	1597643
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAFU
GTIN	4046356217279
Weight per piece (including packing)	13.4 g
Weight per piece (excluding packing)	11.613 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	12
Connection profile	12
Coding	N
Thread type	M23

Data management status

Article revision	03
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Electrical properties

Contact

Contact diameter	1 mm
Max. current	8 A
Overvoltage category	III
Degree of pollution	3
Rated surge voltage	1.5 kV

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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RC-12P1NA20000 - Contact insert

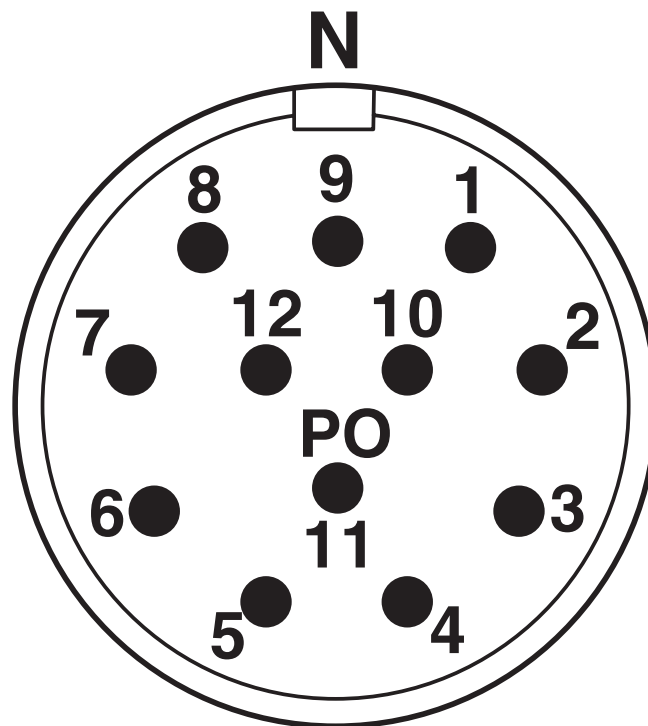
1597643

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Drawings

Schematic diagram



Connector pin assignment

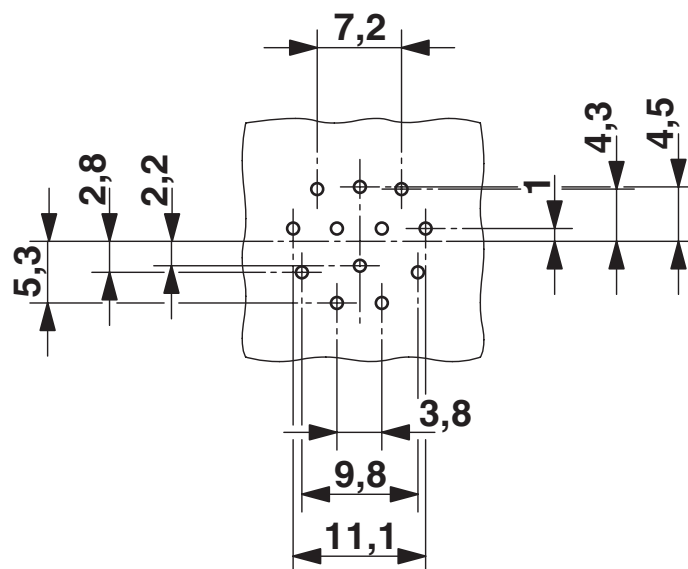
RC-12P1NA20000 - Contact insert

1597643

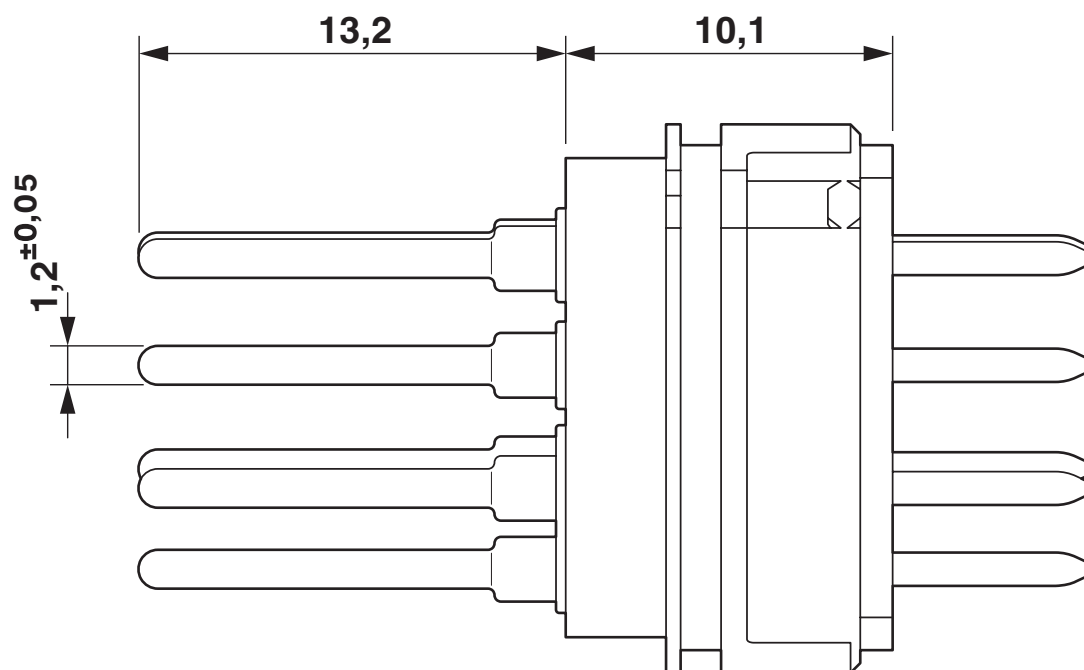
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Drilling plan/solder pad geometry



Dimensional drawing



Dimensional drawing

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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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1597643

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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	65b28217-80f1-402d-b144-520d5c9120c4

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