

# RC-17S1N220000 - Contact insert



1607011

<https://www.phoenixcontact.com/us/products/1607011>

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Contact insert, M23, number of positions: 17, contact connection type: Socket, Solder-in connection, series: RC, TU

## Commercial data

Item number	1607011
Packing unit	10 pc
Minimum order quantity	10 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAFU
GTIN	4046356330138
Weight per piece (including packing)	8.49 g
Weight per piece (excluding packing)	6.36 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	17
Connection profile	17
Coding	N
Thread type	M23

### 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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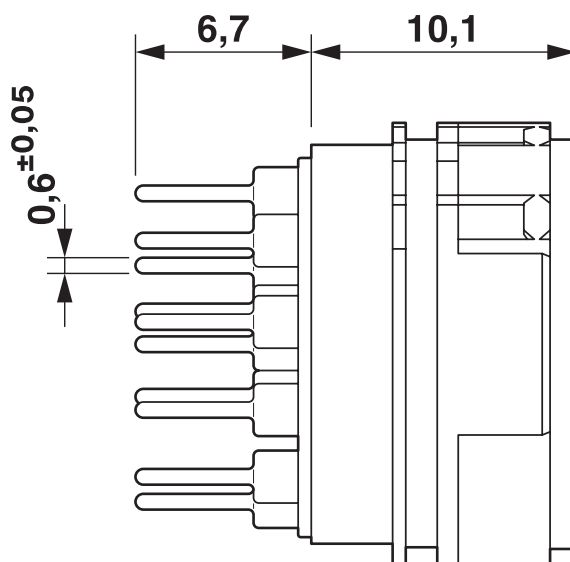
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## Drawings

Dimensional drawing



Dimensional drawing

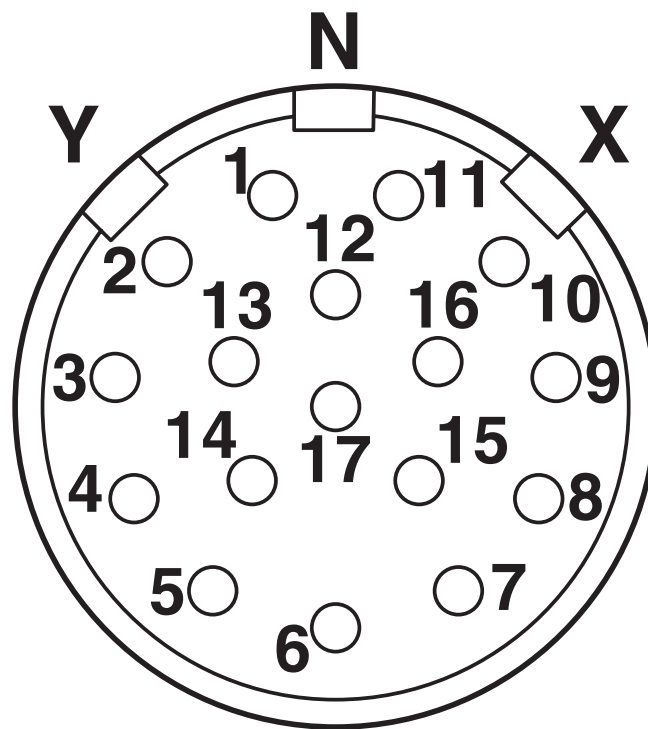
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Schematic diagram



Connector pin assignment

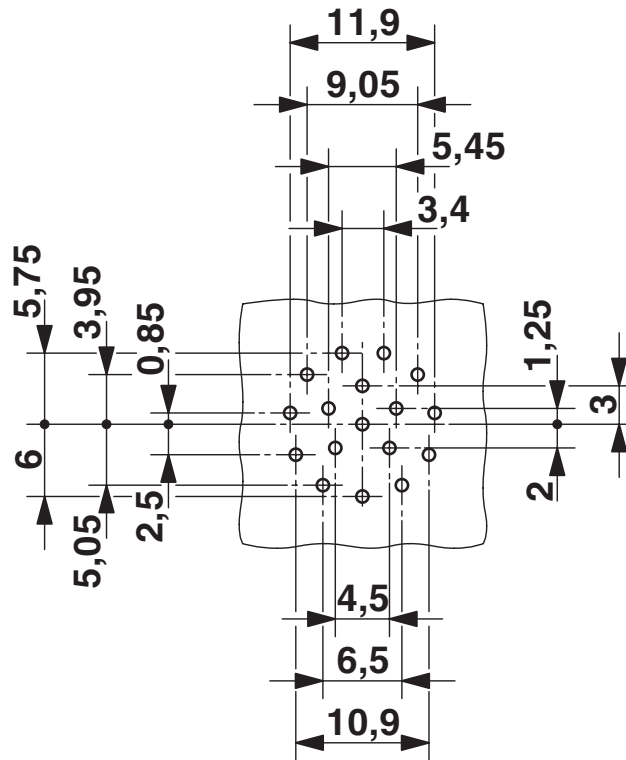
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Drilling plan/solder pad geometry



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## Classifications

### 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	49d14cad-ba3d-4a77-b08f-709bb69e0807

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