

RC-12P1N220000 - Contact insert



1597402

<https://www.phoenixcontact.com/us/products/1597402>

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Contact insert, M23, number of positions: 12, contact connection type: Pin, Solder-in connection, series: RC, TU

The figure shows the 6-pos. product version

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 1597402 |
| Packing unit | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | AB31 |
| Product key | ABRAFU |
| GTIN | 4046356215930 |
| Weight per piece (including packing) | 9.2 g |
| Weight per piece (excluding packing) | 9.2 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 | 12 |
| Connection profile | 12 |
| Coding | N |
| Thread type | M23 |

Electrical properties

Contact: Contact group 1

| | |
|-----------------------|---|
| Contact diameter | 1 mm |
| Nominal current I_N | 8 A (for max. connection cross section) |
| Nominal voltage U_N | 48 V AC |
| | 74 V DC |
| Overvoltage category | III |
| Degree of pollution | 3 |
| Rated surge voltage | 1.5 kV |

Connection data

| | |
|-------------------|----------------------|
| Connection method | Solder-in connection |
|-------------------|----------------------|

Material specifications

| | |
|--------------------------|-------|
| Material Insulating body | PBT |
| Material Contact | CuZn |
| Material Contact surface | Ni/Au |

Connector

| | |
|-----------------------|----------|
| Direction of rotation | Standard |
|-----------------------|----------|

Mechanical properties

Mechanical data

| | |
|-----------------------------|----|
| Insertion/withdrawal cycles | 50 |
|-----------------------------|----|

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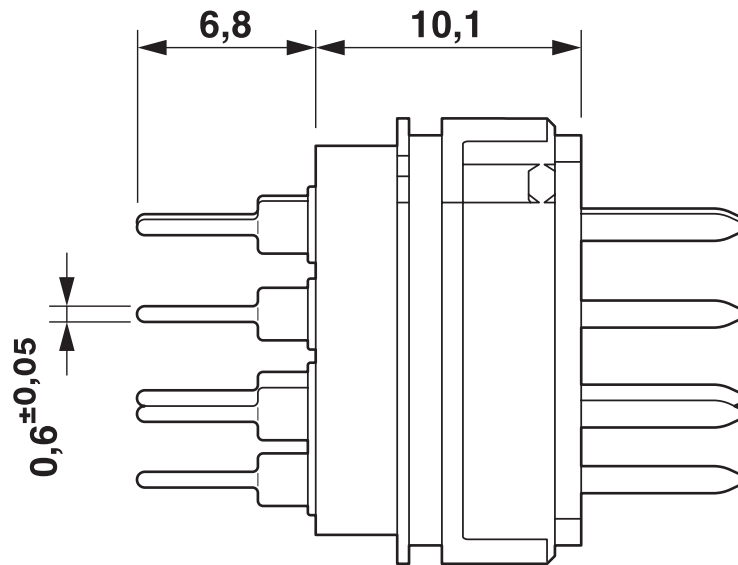
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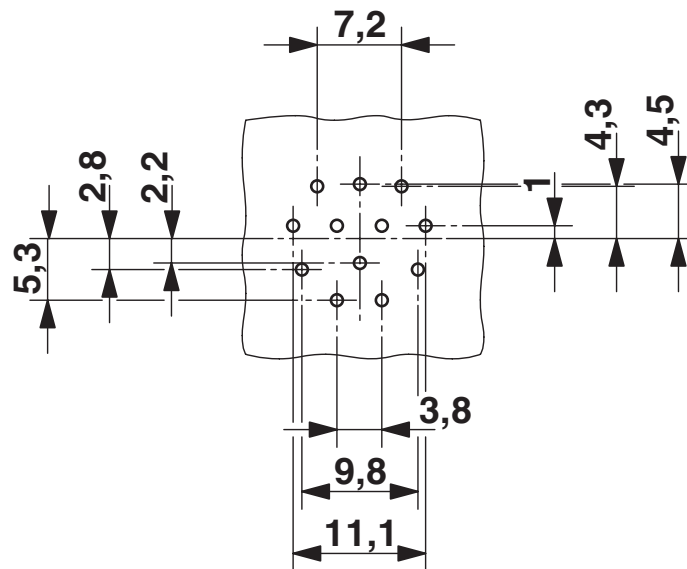
Drawings

Dimensional drawing



Dimensional drawing

Drilling plan/solder pad geometry



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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27440223 |
|-------------|----------|

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 | c52600d2-1d3a-4e24-a913-6ef74ba2ceff |

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