# RC-0000000E000 - Housing for circular connector

1592813

https://www.phoenixcontact.com/us/products/1592813

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Housing for circular connector, series: RC, straight, Screw locking mechanism, M23, Radial O-ring, shielded: yes, panel thickness min.: 3 mm, panel thickness max.: 10.5 mm, this item is undergoing a smooth changeover, lead-free alternative in accordance with RoHS II without exception 6c (Pb < 0.1%) possible on request in advance

## Commercial data

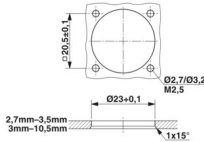| | |
|---|---|
| Item number | 1592813 |
| Packing unit | 40 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB31 |
| Product key | ABRAFS |
| GTIN | 4046356192897 |
| Weight per piece (including packing) | 37.42 g |
| Weight per piece (excluding packing) | 35.43 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

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## Technical data

### Product properties

| | |
|---|---|
| Product type | Circular connector housing |
| Series | RC |
| Application | Signal |
| Type | Flange housing |
| Shielded | yes |
| Thread type | M23 |

### Dimensions

| | |
|---|---|
| Dimensional drawing | |
| Panel thickness | 3 mm ... 10.5 mm |

### Material specifications

| | |
|---|---|
| Housing material | Metal |
| Housing material | Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn) |
| Gasket and O-ring material | FPM |

### Connector

| | |
|---|---|
| Type | straight |

### Environmental and real-life conditions

#### Ambient conditions

| | |
|---|---|
| Degree of protection | IP67 |
| Ambient temperature (operation) | -20 °C ... 125 °C |
| Altitude | 2000 m |

### Mounting

| | |
|---|---|
| Mounting type | Rear mounting/square flange M3 4x M3 |
| Assembly note | 4x M3 |

## Drawings

Dimensional drawing



□20,5±0,1

Ø2,7/Ø3,2
M2,5

Ø23+0,1

2,7mm–3,5mm
3mm–10,5mm

1x15°
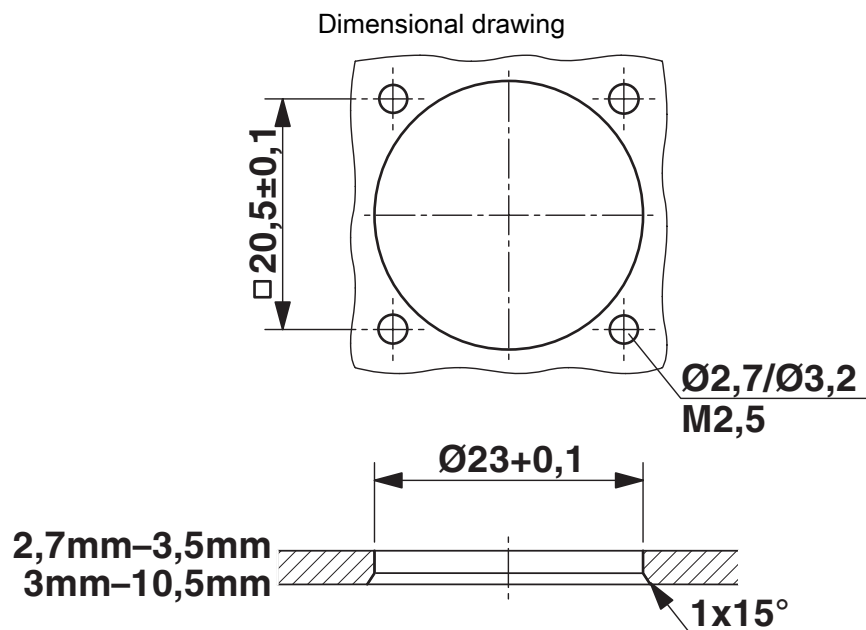
Installation dimensions

## Classifications

### ECLASS

| ECLASS-13.0 | 27440224 |
|---|---|

### ETIM

| ETIM 9.0 | EC003556 |
|---|---|

### UNSPSC

| UNSPSC 21.0 | 31261500 |
|---|---|

## 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 | 8e2177c0-a688-477e-8d66-69513083fa26 |

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com