

# RC-00000006100 - Housing for circular connector



1592604

<https://www.phoenixcontact.com/us/products/1592604>

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Housing for circular connector, series: RC, straight, Screw locking mechanism, M23, Axial O-ring, shielded: yes, panel thickness min.: 0.8 mm, panel thickness max.: 6.5 mm. This product is in the process of being discontinued. This product must no longer be considered for new projects. Please contact your sales representative for alternatives.

## Commercial data

Item number	1592604
Packing unit	40 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAFP
GTIN	4046356191791
Weight per piece (including packing)	31.725 g
Weight per piece (excluding packing)	29.11 g
Customs tariff number	85389099
Country of origin	DE

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## Technical data

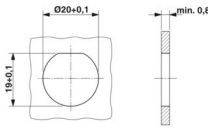
### Notes

Order information:	Order contact inserts separately
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### Product properties

Product type	Circular connector housing
Series	RC
Application	Signal
Shielded	yes
Thread type	M23

### Dimensions

Dimensional drawing	
Panel thickness	0.8 mm ... 6.5 mm

### Material specifications

Material Housing	GD-Zn
Material Housing surface	Ni
Material Rotating parts	CuZn
Gasket and O-ring material	FPM

### Connector

Type	straight
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### Environmental and real-life conditions

#### Ambient conditions

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

### Mounting

Mounting type	Front mounting (M20 x 1,5)
Assembly note	Central fastening

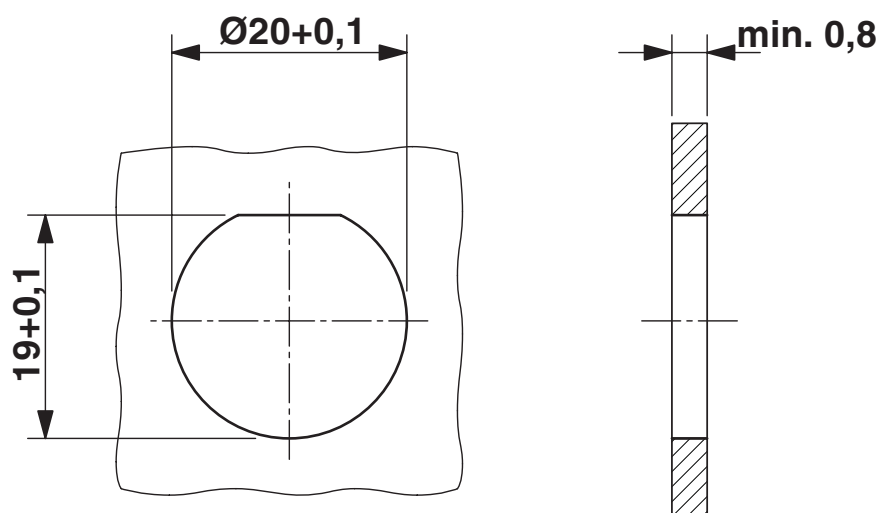
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## Drawings

Dimensional drawing



## Installation dimensions

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## Classifications

### ECLASS

ECLASS-13.0	27440224
ECLASS-15.0	27440224

### ETIM

ETIM 10.0	EC003556
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### UNSPSC

UNSPSC 21.0	31261500
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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	1278c73d-60c8-407f-a80f-7842564e8110

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