

# BC-05P2NU20000 - Contact carrier



1590111

<https://www.phoenixcontact.com/us/products/1590111>

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Contact carrier, 5-position, Pin, straight, M12, Wave soldering, this item is expected to be lead-free from Q2 2026 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance

## Commercial data

Item number	1590111
Packing unit	500 pc
Minimum order quantity	500 pc
Product key	ABQEQA
GTIN	4046356274760
Weight per piece (including packing)	3.43 g
Weight per piece (excluding packing)	3.4 g
Country of origin	DE

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## Technical data

### Product properties

Product type	Contact insert
Number of positions	5
Thread type	M12

### Connection data

Connection method	Wave soldering
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### Material specifications

Material Contact carrier	PPA
Material Contact	CuZn
Material Contact surface	Au
Flammability rating according to UL 94	V0

### Connector

#### Connection 1

Head design	Pin
Head cable outlet	straight
Head thread type	M12

### Environmental and real-life conditions

#### Ambient conditions

UL Type Rating	Type 4 (indoor use only)
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## Classifications

### ECLASS

ECLASS-13.0	27440223
ECLASS-15.0	27440223

### ETIM

ETIM 10.0	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	c97f920e-8437-46ff-a9a6-0d6c962cc866

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