

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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