

1688269
<https://www.phoenixcontact.com/us/products/1688269>

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Power contacts, for D-SUB combination inserts, pin, solder cup, straight, rated current 40 A, gold-plated

Commercial data

Item number	1688269
Packing unit	100 pc
Minimum order quantity	1 pc
Sales key	AB19
Product key	ABNCAC
Catalog page	Page 447 (C-2-2019)
GTIN	4017918179663
Weight per piece (including packing)	2.069 g
Weight per piece (excluding packing)	2.06 g
Customs tariff number	85366990
Country of origin	DE

VS-ST-LK-3,6/22,4/4,6 - D-SUB power contact



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Technical data

Notes

General	Power contacts must be ordered separately since they are not included in the scope of supply of the contact carriers.
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Product properties

Product type	Contacts
Type	Individual male contact
Contact material type	turned

Electrical properties

Maximum load current	40 A
Rated surge voltage	1 kV
Rated current	40 A (at 20 °C)
Insulation resistance	≥ 5 GΩ
Test voltage	1000 V

Connection data

Maximum load current	40 A
Connection method	Solder cup

Dimensions

Width	5.5 mm
Height	5.5 mm
Length	22.9 mm

Mechanical characteristics

Contact diameter	4.6 mm
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Material specifications

Material	Metal
Contact material	Copper alloy
Contact surface material	Au/Sn

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500
Insertion force per signal contact	≤ 7.00 N
Extraction force per signal contact	approx. 5 N

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-55 °C ... 130 °C
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Mounting

Mounting type	Solder connection
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Classifications

ECLASS

ECLASS-13.0	27440392
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ETIM

ETIM 9.0	EC002943
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UNSPSC

UNSPSC 21.0	39121500
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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	486a16d0-0d02-4f6b-b90d-47726b15e33b

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