

1688243
<https://www.phoenixcontact.com/us/products/1688243>

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Power contacts, for D-SUB combination inserts, pin, solder cup, straight, rated current 20 A, gold-plated

Commercial data

Item number	1688243
Packing unit	100 pc
Minimum order quantity	1 pc
Sales key	AB19
Product key	ABNCAC
Catalog page	Page 447 (C-2-2019)
GTIN	4017918179649
Weight per piece (including packing)	2.05 g
Weight per piece (excluding packing)	2.05 g
Customs tariff number	85366990
Country of origin	DE

VS-ST-LK-3,6/22,4/2,6 - 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

Data management status

Article revision	02
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Electrical properties

Maximum load current	20 A
Rated surge voltage	1 kV
Rated current	20 A (at 20 °C)
Insulation resistance	$\geq 5 \text{ G}\Omega$
Test voltage	1000 V

Connection data

Maximum load current	20 A
Connection method	Solder cup

Dimensions

Length	22.9 mm
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Mechanical characteristics

Contact diameter	2.6 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	$\leq 7.00 \text{ N}$
Extraction force per signal contact	approx. 5 N

Environmental and real-life conditions

Ambient conditions

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

Mounting type	Solder connection
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Classifications

ECLASS

ECLASS-11.0	27440204
ECLASS-12.0	27440204
ECLASS-13.0	27440204

ETIM

ETIM 9.0	EC000796
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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	28350a1b-80d7-4780-ba64-acd89c57a251

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