

1655467
<https://www.phoenixcontact.com/pc/products/1655467>

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POWER contact, for D-SUB combination inserts, for PCB assembly, pin, angled, rated current 40 A, gold-plated

Commercial data

Item number	1655467
Packing unit	100 pc
Minimum order quantity	1 pc
Product key	ABNCAC
Catalog page	Page 447 (C-2-2019)
GTIN	4046356029391
Weight per piece (including packing)	2.803 g
Weight per piece (excluding packing)	2.803 g
Customs tariff number	85366990
Country of origin	DE

VS-ST-LH-3,6/18/3,8 - D-SUB power contact



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Technical data

Product properties

Product type	Contacts
Type	Individual male contact
Contact material type	turned

Data management status

Article revision	02
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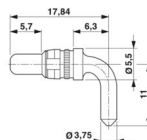
Electrical properties

Maximum load current	40 A
Rated surge voltage	1 kV
Rated current	40 A (at 20 °C)
Insulation resistance	$\geq 5 \text{ G}\Omega$
Test voltage	1000 V

Connection data

Maximum load current	40 A
Connection method	PCB mounting

Dimensions

Dimensional drawing	
Width	5.5 mm
Height	13.8 mm
Length	19.7 mm

Mechanical characteristics

Contact diameter	3.8 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

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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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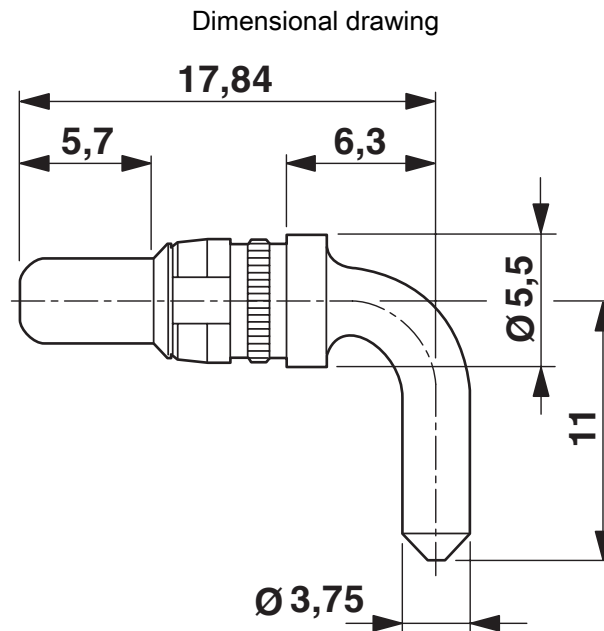
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Drawings



D-SUB power contact pin

VS-ST-LH-3,6/18/3,8 - D-SUB power contact



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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	93b33823-1669-4eca-8fe3-33e540196590

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