

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 | 100 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. |
|---------|---|

Product properties

| | |
|-----------------------|-------------------------|
| Product type | Contacts |
| Type | Individual male contact |
| Contact material type | turned |

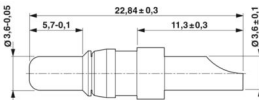
Electrical properties

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

Connection data

| | |
|----------------------|------------|
| Maximum load current | 20 A |
| Connection method | Solder cup |

Dimensions

| | |
|---------------------|--|
| Dimensional drawing |  |
| Length | 22.9 mm |

Mechanical characteristics

| | |
|------------------|--------|
| Contact diameter | 2.6 mm |
|------------------|--------|

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 |

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Environmental and real-life conditions

Ambient conditions

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

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

| | |
|------------|--|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 years |
| | For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads" |

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