

## D-SUB contact insert - VS-09-BU-DSUB-LH-B - 1654798

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D-SUB contact insert, shell size 1, with nine signal contacts, type of contact socket, for PCB assembly, angled, fixing with a 2.5 mm hole and solder metal plate, for panel mounting frame VS-09-...

RoHS

### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 STK                                                                                                   |
| Minimum order quantity               | 10 STK                                                                                                  |
| GTIN                                 | <br>4 017918 989187 |
| GTIN                                 | 4017918989187                                                                                           |
| Weight per Piece (excluding packing) | 10.200 g                                                                                                |
| Custom tariff number                 | 85369010                                                                                                |
| Country of origin                    | Germany                                                                                                 |

### Technical data

#### Mechanical characteristics

|                                    |                             |
|------------------------------------|-----------------------------|
| Number of positions                | 9                           |
| Connection profile                 | D-SUB 9                     |
| Insertion/withdrawal cycles        | ≥ 200                       |
| Connection method                  | Solder connection           |
| Insertion force per signal contact | ≤ 3.40 N                    |
| Mounting type                      | Hole and solder metal plate |
| Design                             | 09                          |
| Size of housing                    | 1                           |

#### Ambient conditions

|                                 |                   |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -55 °C ... 125 °C |
|---------------------------------|-------------------|

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### Technical data

#### Material data

|                                        |                  |
|----------------------------------------|------------------|
| Flammability rating according to UL 94 | V0               |
| Housing material                       | Steel            |
| Housing surface material               | tin-plated       |
| Contact carrier material               | PBT-GF           |
| Contact material                       | Copper alloy     |
| Contact surface material               | Gold over nickel |

#### Electrical characteristics

|                       |       |
|-----------------------|-------|
| Number of positions   | 9     |
| Rated current         | 5 A   |
| Overvoltage category  | III   |
| Degree of pollution   | 2     |
| Rated voltage (III/3) | 125 V |

#### Standards and Regulations

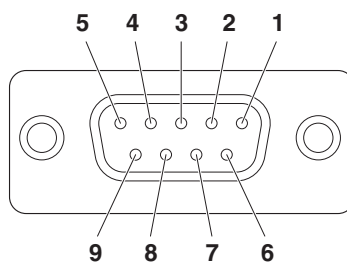
|                                        |    |
|----------------------------------------|----|
| Flammability rating according to UL 94 | V0 |
|----------------------------------------|----|

#### Environmental Product Compliance

|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

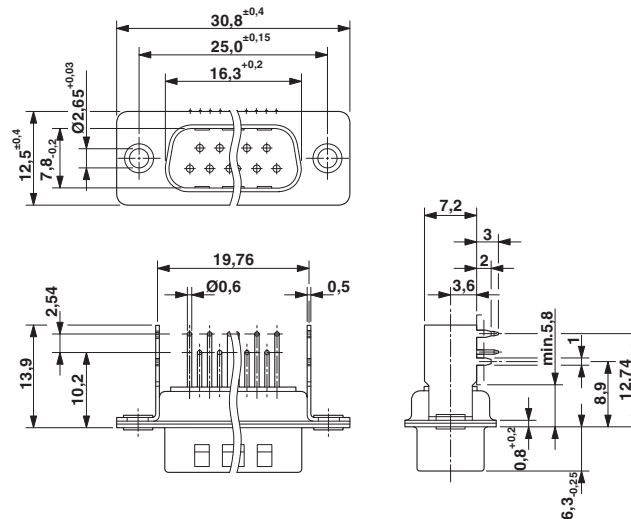
### Drawings

Schematic diagram



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Dimensional drawing



D-SUB contact insert

### Classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27140816 |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260705 |
| eCl@ss 7.0 | 27440309 |
| eCl@ss 8.0 | 27440302 |
| eCl@ss 9.0 | 27440205 |

ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000438 |
| ETIM 3.0 | EC000438 |
| ETIM 4.0 | EC000438 |
| ETIM 5.0 | EC001132 |
| ETIM 6.0 | EC000438 |

UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211923 |
| UNSPSC 7.0901 | 39121522 |
| UNSPSC 11     | 39121522 |

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## Classifications

### UNSPSC

|              |          |
|--------------|----------|
| UNSPSC 12.01 | 39121522 |
| UNSPSC 13.2  | 39121522 |

## Approvals

### Approvals

#### Approvals

UL Recognized / EAC

#### Ex Approvals

### Approval details

|               |                                                                                     |                                                                                                                                                         |               |
|---------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| UL Recognized |  | <a href="http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm</a> | FILE E 118976 |
|---------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|

|     |                                                                                     |         |
|-----|-------------------------------------------------------------------------------------|---------|
| EAC |  | B.01742 |
|-----|-------------------------------------------------------------------------------------|---------|