

## Direct connector - SDC 2,5/ 2-PV-5,0-ZB - 1864037

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin, Mounting: SKEDD - Direct plug-in technology

Figure shows the 5-pos. version

### Why buy this product

- SKEDD direct plug-in technology enables flexible positioning on the PCB
- Reduced component and process costs: simple insertion by hand and vibration-resistant connection
- Time saving push-in connection, tools not required
- Intuitive use through colour coded actuation lever
- Quick and convenient testing using integrated test option



### Key Commercial Data

Packing unit	50 STK
Minimum order quantity	50 STK
GTIN	4 055626 210339
Weight per Piece (excluding packing)	3.6 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

### Technical data

#### Environmental Product Compliance

China RoHS	No hazardous substances above threshold values
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#### Dimensions

Length	15.3 mm
Height	21.2 mm
Width	18.18 mm

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### Technical data

#### Dimensions

Pitch	5.00 mm
Dimension a	5 mm

#### General

Range of articles	SDC 2,5/..-PV
Number of positions	2
Connection method	Push-in spring connection
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	200 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	12 A
Nominal cross section	2.5 mm <sup>2</sup>
Stripping length	10 mm

#### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12

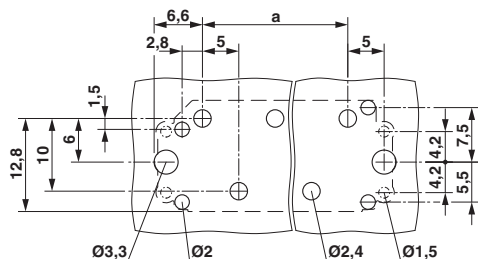
#### Standards and Regulations

Connection in acc. with standard	EN-VDE
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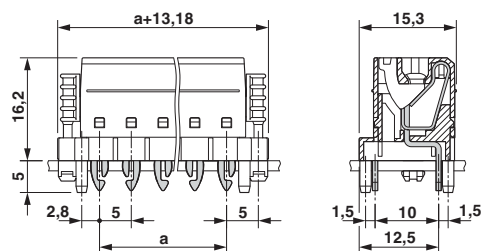
#### Drawings

# Direct connector - SDC 2,5/ 2-PV-5,0-ZB - 1864037

Drilling diagram



Dimensional drawing



Size of the PCB: 1.6 mm

## Classifications

eCl@ss

eCl@ss 5.1	27261101
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

ETIM

ETIM 5.0	EC002643
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## Approvals

Approvals

Approvals

VDE approval of drawings / cULus Recognized / IECCEB CB Scheme

Ex Approvals

Approvals submitted

## Approval details

VDE approval of drawings	
mm <sup>2</sup> /AWG/kcmil	0.2-2.5
Nominal current I <sub>N</sub>	12 A
Nominal voltage U <sub>N</sub>	320 V

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### Approvals

cULus Recognized		
	B	D
mm <sup>2</sup> /AWG/kcmil	24-12	24-12
Nominal current I <sub>N</sub>	12 A	12 A
Nominal voltage U <sub>N</sub>	300 V	300 V

IECEE CB Scheme
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