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D-SUB contact insert, shell size 3, with 25 signal contacts, type of contact pin, for PCB assembly, angled, fixing with a 2.5 mm hole and solder metal plate, for panel mounting frame VS-25-...



Your advantages

- D-SUB 25 connection
- Easy assembly
- Direct PCB connection
- Compatible with IP67 panel-mount frame

Commercial data

Item number	1654824
Packing unit	25 pc
Minimum order quantity	25 pc
Product key	ABNCAA
Catalog page	Page 211 (C-2-2013)
GTIN	4017918989217
Weight per piece (including packing)	16.134 g
Weight per piece (excluding packing)	14.11 g
Customs tariff number	85366990
Country of origin	DE

VS-25-ST-DSUB-LH-B - D-SUB contact insert

1654824

<https://www.phoenixcontact.com/pc/products/1654824>



Technical data

Product properties

Product type	Male insert
Type	D-SUB
Number of positions	25
Connection profile	D-SUB 25
Type	Male
Shielded	no

Data management status

Article revision	01
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Insulation characteristics

Overvoltage category	III
Degree of pollution	2

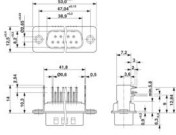
Electrical properties

Rated voltage in acc. with IEC 61076-2-101	400 V
Rated voltage (III/3)	125 V
Rated surge voltage	1 kV
Rated current	5 A (at 20 °C)
Test voltage	1200 V
Transmission medium	Copper

Connection data

Connection method	PCB connection
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Dimensions

Dimensional drawing	
Width	53 mm
Height	12.5 mm
Length	14 mm

Material specifications

Flammability rating according to UL 94	V0
Housing material	Steel, tin-plated
Housing surface material	tin-plated
Contact material	Copper alloy
Contact surface material	Au

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Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 200
Insertion force per signal contact	≤ 3.40 N

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-55 °C ... 125 °C

Mounting

Mounting type	Hole and solder metal plate
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VS-25-ST-DSUB-LH-B - D-SUB contact insert

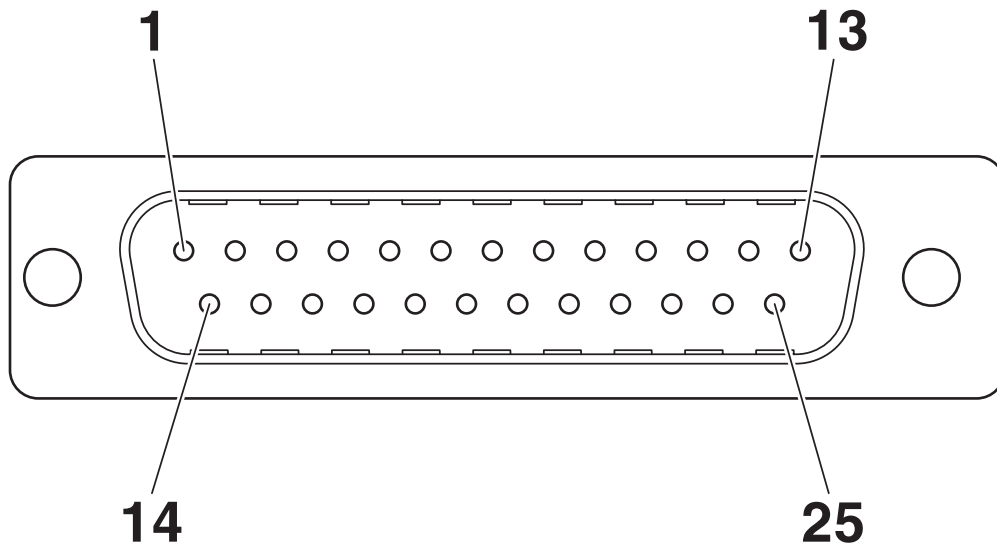
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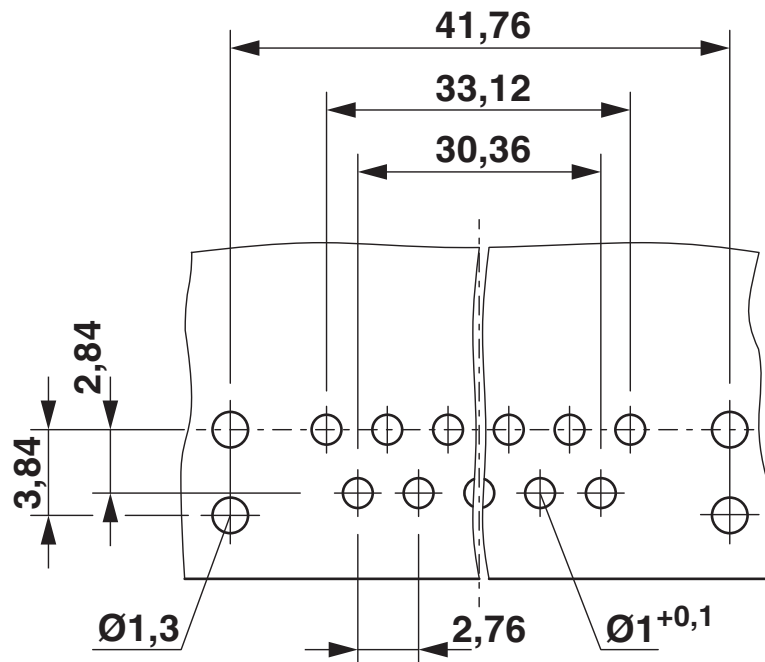


Drawings

Schematic diagram



Drilling plan/solder pad geometry



Drilling diagram

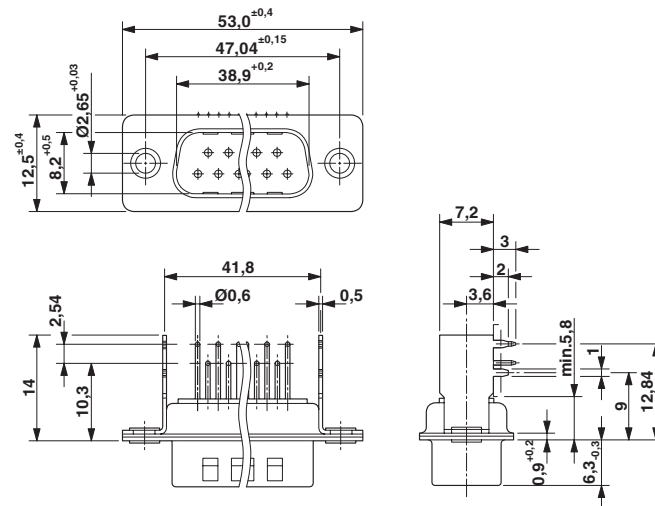
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Dimensional drawing



D-SUB contact insert

VS-25-ST-DSUB-LH-B - D-SUB contact insert



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Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/1654824>



UL Recognized

Approval ID: E118976

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Classifications

ECLASS

ECLASS-11.0	27440223
ECLASS-12.0	27440223
ECLASS-13.0	27440223

ETIM

ETIM 9.0	EC003557
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UNSPSC

UNSPSC 21.0	39121400
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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	24f07eb3-14c2-49c4-b0f8-24140694e10e

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Accessories

CUC-DST-GPME-S/DSSC25 - D-SUB sleeve housings

1419719

<https://www.phoenixcontact.com/pc/products/1419719>



D-SUB sleeve housings, degree of protection: IP20, material: ABS, metal-plated, cable outlet: straight, housing size: 3, color: Bare metallic

CUC-DST-GPME-A/DSSC25 - D-SUB sleeve housings

1419721

<https://www.phoenixcontact.com/pc/products/1419721>



D-SUB sleeve housings, degree of protection: IP20, material: ABS, metal-plated, cable outlet: angled, housing size: 3, color: Bare metallic

VS-25-ST-DSUB-LH-B - D-SUB contact insert

1654824

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CUC-DST-GZNI-S/DSSC25 - D-SUB sleeve housings

1419727

<https://www.phoenixcontact.com/pc/products/1419727>



D-SUB sleeve housings, degree of protection: IP20, material: Zinc die-cast, cable outlet: straight, housing size: 3, color: Bare metallic

CUC-DST-GZNI-A/DSSC25 - D-SUB sleeve housings

1419728

<https://www.phoenixcontact.com/pc/products/1419728>



D-SUB sleeve housings, degree of protection: IP20, material: Zinc die-cast, cable outlet: angled, housing size: 3, color: Bare metallic

VS-25-ST-DSUB-LH-B - D-SUB contact insert

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VS-25-A - Panel-mount frame

1689750

<https://www.phoenixcontact.com/pc/products/1689750>

D-SUB panel mounting frame, shell size 3, IP67 degree of protection



VS-25-BU-DSUB-LH-B - D-SUB contact insert

1654837

<https://www.phoenixcontact.com/pc/products/1654837>

D-SUB contact insert, shell size 3, with 25 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-25-...



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