

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



1654837

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

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-...



Your advantages

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

Commercial data

Item number	1654837
Packing unit	10 pc
Minimum order quantity	10 pc
Product key	ABNCAB
Catalog page	Page 211 (C-2-2013)
GTIN	4017918989224
Weight per piece (including packing)	19.4 g
Weight per piece (excluding packing)	16.2 g
Customs tariff number	85369010
Country of origin	DE

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

1654837

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



Technical data

Product properties

Product type	Female insert
Type	D-SUB
Number of positions	25
Connection profile	D-SUB
Number of slots	1
Type	Socket
Shielded	yes

Data management status

Article revision	01
------------------	----

Insulation characteristics

Overvoltage category	III
Degree of pollution	2

Electrical properties

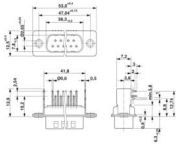
Rated voltage in acc. with IEC 61076-2-101	400 V
Rated voltage (III/3)	125 V
Rated surge voltage	1 kV
Rated current	5 A (at 20 °C)
Test voltage	1200 V
Transmission medium	Copper
Power transmission	Power

Connection data

Connection technology

Connection method	Wave soldering contacts
-------------------	-------------------------

Dimensions

Dimensional drawing	
Width	13 mm
Height	20.2 mm
Length	53.42 mm

Material specifications

Flammability rating according to UL 94	V0
Housing material	Metal

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



1654837

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

Housing surface material	metal-plated
Contact material	Copper alloy
Contact surface material	Gold
Contact carrier material	PBT-GF

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 200
Insertion force per signal contact	$\leq 3.40 \text{ N}$

Environmental and real-life conditions

Ambient conditions

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

Mounting

Mounting type	PCB mounting
---------------	--------------

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

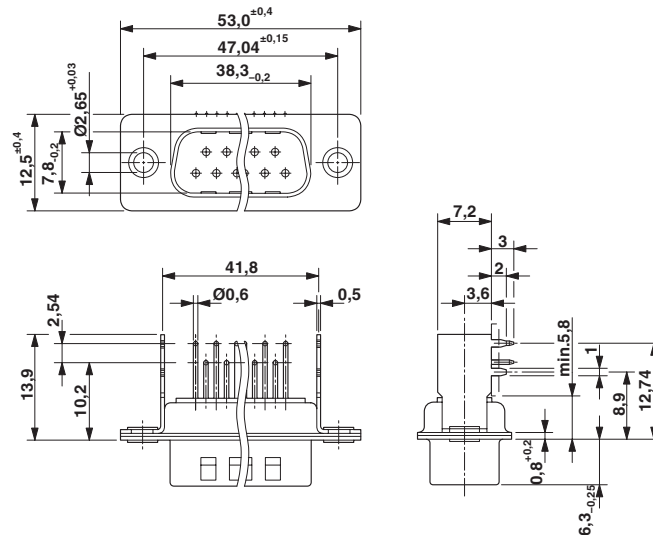
1654837

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



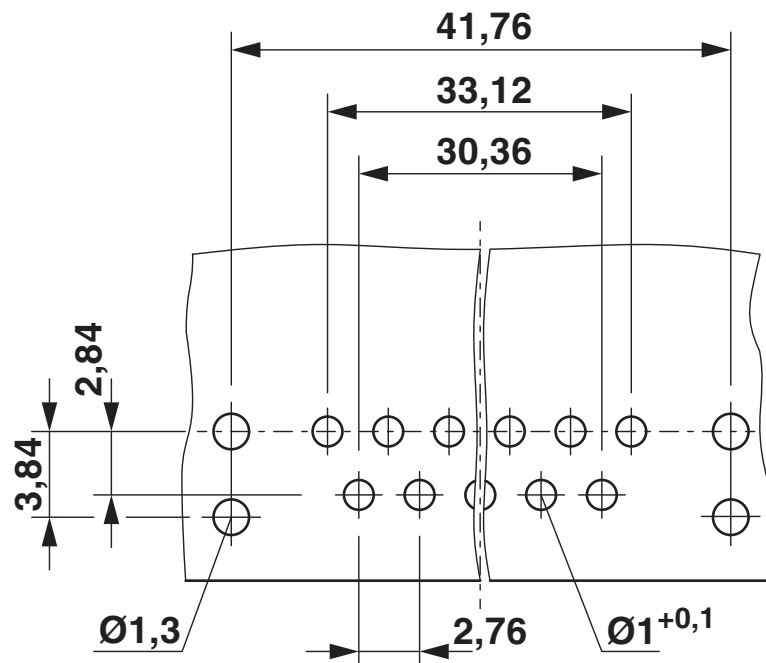
Drawings

Dimensional drawing



D-SUB contact insert

Drilling plan/solder pad geometry



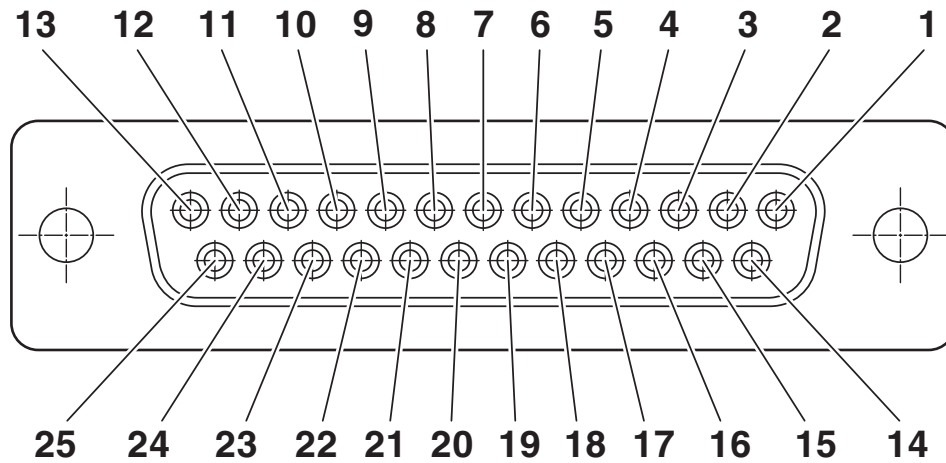
Drilling diagram

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

1654837

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

Schematic diagram



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



1654837

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

Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/1654837>



UL Recognized

Approval ID: E118976

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



1654837

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

Classifications

ECLASS

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

ETIM

ETIM 9.0	EC003557
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

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	b5176dbf-0ae4-4689-9f3b-f4e92393ddbd

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



1654837

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

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

1654837

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



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

1654837

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



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

1654824

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

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-...



Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstraße 8
D-32825 Blomberg
+49 (0) 5235-3 00
info@phoenixcontact.com