VS-09-ST-DSUB-ER - Contact insert

1688382

https://www.phoenixcontact.com/gb/products/1688382

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D-SUB contact insert, shell size 1, with 9 signal contacts, type of contact pin, for PCB mounting, angled, fixing with M3 thread and solder pins, for panel mounting frame VS-09-...

Your advantages

• D-SUB 9 connection

• Compatible with IP67 sleeve housing and panel-mount frame

• Easy assembly

Commercial data

Item number	1688382
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	ABNCAA
Product key	ABNCAA
Catalog page	Page 211 (C-2-2013)
GTIN	4017918818333
Weight per piece (including packing)	15.3 g
Weight per piece (excluding packing)	11.49 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Product properties

Product type	Contact insert
Type	D-SUB
Number of positions	9
Connection profile	D-SUB 9
Type	Male
Shielded	no

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

Dimensions

Width	21.5 mm
Height	17.8 mm
Length	31.19 mm

Material specifications

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

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 50
Insertion force per signal contact	≤ 3.40 N

Environmental and real-life conditions

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Ambient conditions

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

Mounting

Mounting type	Threads and solder pins

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Drawings

Schematic diagram
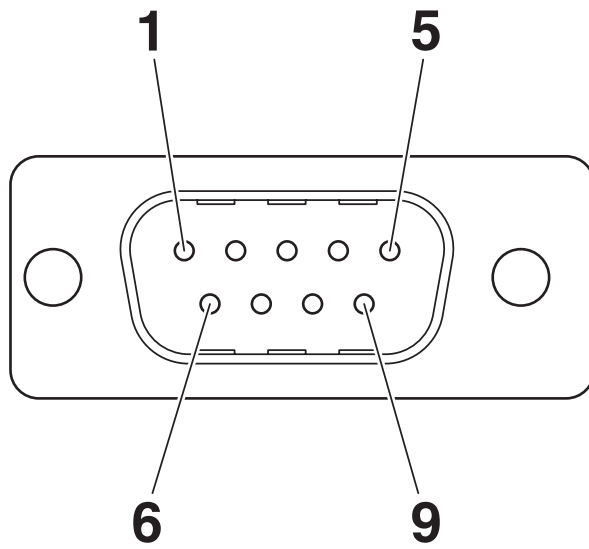
Drilling plan/solder pad geometry
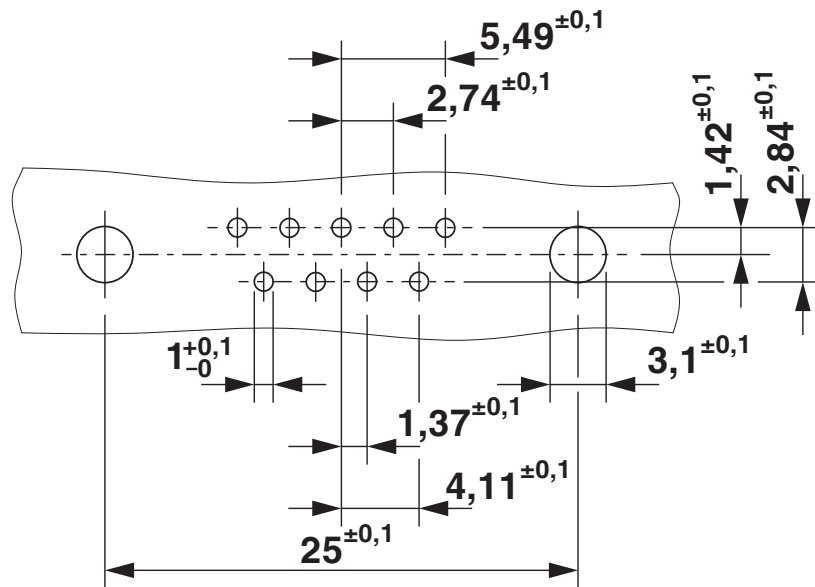
Drilling diagram

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/gb/products/1688382

UL Recognized
Approval ID: E118976

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Classifications

ECLASS

ECLASS-13.0	27440302

ETIM

ETIM 9.0	EC001132

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(a), 6(a)-I, 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	35c2b0bb-f701-4a5a-82f0-4dfbf395a2eb

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