

VS-MSTBAH 2,5/ 5-GB-5,08-BK-A - Female insert



1657915

<https://www.phoenixcontact.com/us/products/1657915>

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.

MSTB contact insert, for PCB assembly, 24 V, 5-pos., with angled solder pins, RAL 9005 (black), for panel mounting frame VS-PPC-F2-MSTB-...-1R-P



Commercial data

Item number	1657915
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	AB17
Product key	ABNOJA
GTIN	4046356132497
Weight per piece (including packing)	2.563 g
Weight per piece (excluding packing)	2.19 g
Customs tariff number	85366990
Country of origin	DE

VS-MSTBAH 2,5/ 5-GB-5,08-BK-A - Female insert



1657915

<https://www.phoenixcontact.com/us/products/1657915>

Technical data

Notes

General	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order no: 2.252, Chapter 11 Connectors for 24 Volt Power Supply Cabling and Chapter 13 Application specific Cabling and Interconnection Technology (AIDA)
Notes on operation	In accordance with IEC 61984, the connectors have no switching power (COC). During designated use, they must not be plugged in or disconnected when carrying voltage or under load.

Product properties

Product type	Female insert
Type	Version 14
Number of positions	5
Pitch	5.08 mm

Electrical properties

Rated voltage (III/3)	24 V
Rated current	16 A
Insulation resistance	≥ 500 MΩ
Transmission medium	Copper

Connection data

Connection technology

Connection method	PCB connection
-------------------	----------------

Dimensions

Width	13.1 mm
Height	14.7 mm
Length	27.4 mm
Pitch	5.08 mm

Material specifications

Color	black
Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Gold over nickel
Contact carrier material	PBT

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 100
-----------------------------	-------

VS-MSTBAH 2,5/ 5-GB-5,08-BK-A - Female insert

1657915

<https://www.phoenixcontact.com/us/products/1657915>



Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
---------------------------------	------------------

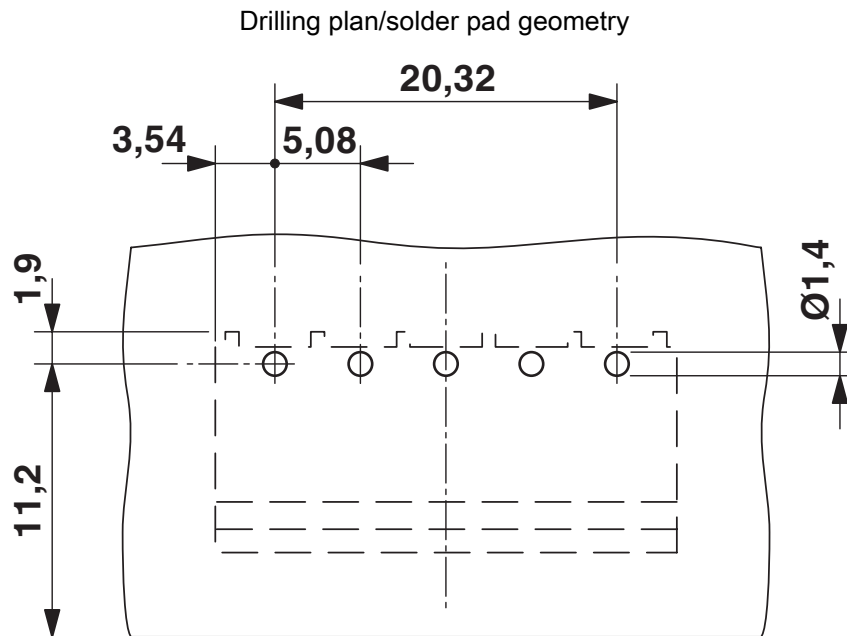
VS-MSTBAH 2,5/ 5-GB-5,08-BK-A - Female insert



1657915

<https://www.phoenixcontact.com/us/products/1657915>

Drawings



Drilling diagram

VS-MSTBAH 2,5/ 5-GB-5,08-BK-A - Female insert




1657915

<https://www.phoenixcontact.com/us/products/1657915>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1657915>

<div> cULus Recognized Approval ID: E118976-20080903</div>				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	24 V	16 A	-	-

VS-MSTBAH 2,5/ 5-GB-5,08-BK-A - Female insert



1657915

<https://www.phoenixcontact.com/us/products/1657915>

Classifications

ECLASS

ECLASS-13.0	27440390
ECLASS-15.0	27440390

ETIM

ETIM 9.0	EC004746
----------	----------

UNSPSC

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

VS-MSTBAH 2,5/ 5-GB-5,08-BK-A - Female insert



1657915

<https://www.phoenixcontact.com/us/products/1657915>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
-----------------------------------------	--------------------

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com