

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



1657915

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

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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	0256*
Product key	ABNOJA
Catalog page	Page 364 (C-2-2019)
GTIN	4046356132497
Weight per piece (including packing)	2.563 g
Weight per piece (excluding packing)	2.544 g
Customs tariff number	85366990
Country of origin	DE

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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)
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Product properties

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

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
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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
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Environmental and real-life conditions

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Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 70 °C

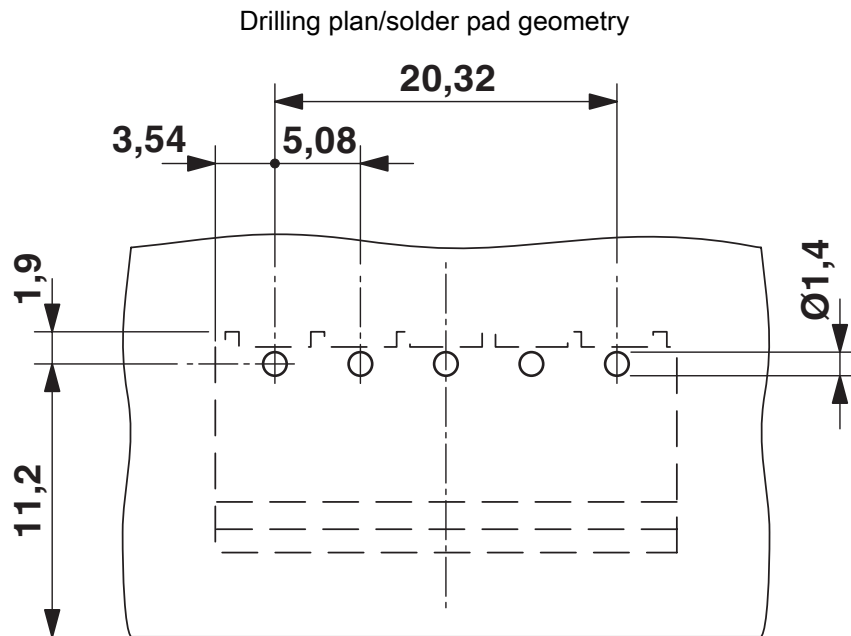
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Drawings



Drilling diagram

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Approvals

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

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Classifications

ECLASS

ECLASS-11.0	27440223
ECLASS-12.0	27440223
ECLASS-13.0	27460201

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, 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%

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