VS-MSTBVA 2,5/ 5-GB-5,08-BK-A - Male insert

1609565

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

Commercial data

Item number	1609565
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	AB17
Product key	ABNOJA
GTIN	4046356175876
Weight per piece (including packing)	2.408 g
Weight per piece (excluding packing)	2.408 g
Customs tariff number	85366990
Country of origin	DE

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
Power transmission	Power

Connection data

Connection technology

Connection method	PCB connection

Dimensions

Width	16.6 mm
Height	10.4 mm
Length	27.4 mm
Pitch	5.08 mm

Material specifications

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

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 100

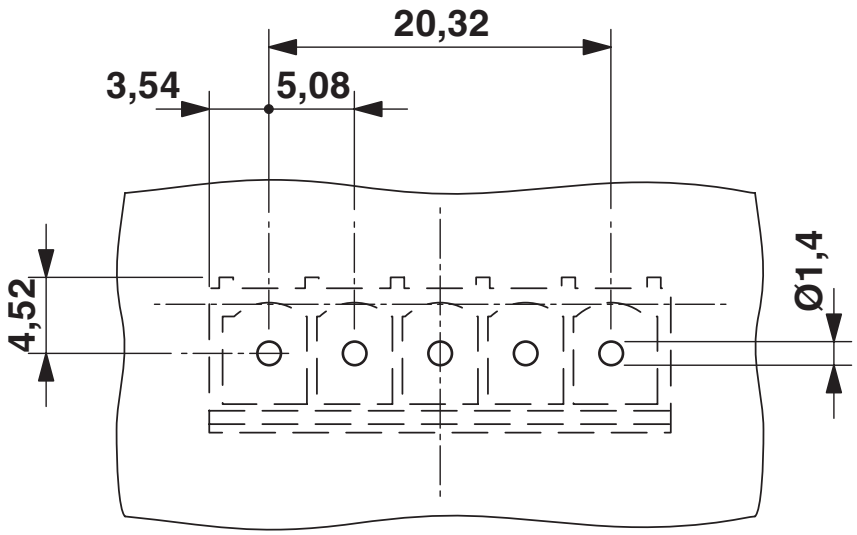
Environmental and real-life conditions

Ambient conditions

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

Drawings

Drilling plan/solder pad geometry



Drilling diagram

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1609565

cULus Recognized
Approval ID: E118976

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
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	24 V	16 A	-	-

Classifications

ECLASS

ECLASS-13.0	27440390
ECLASS-15.0	27460202

ETIM

ETIM 10.0	EC002638

UNSPSC

UNSPSC 21.0	39121400

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%

EF3.1 Climate Change

CO2e kg	0.209 kg CO2e

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