

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

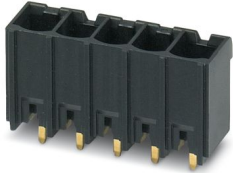


1609565

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

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## Technical data

### 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
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### 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
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### Environmental and real-life conditions

#### Ambient conditions

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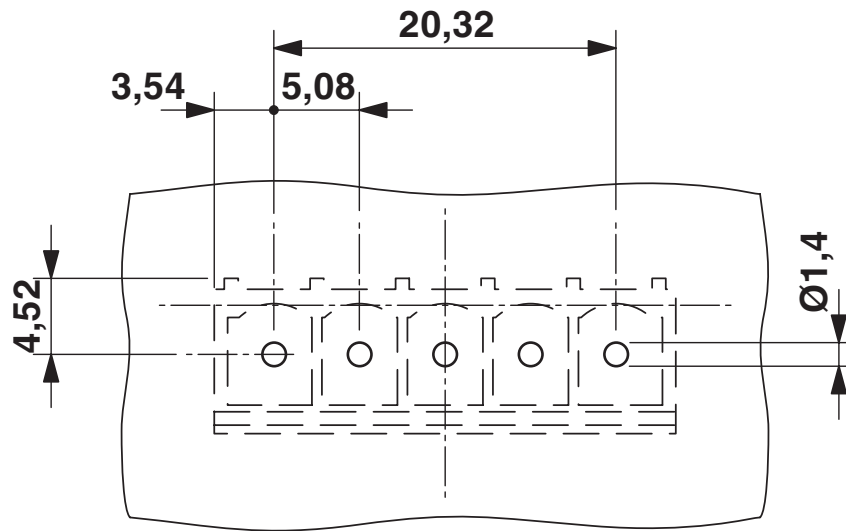


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## Drawings

Drilling plan/solder pad geometry



Drilling diagram

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## Approvals

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

 <b>cULus Recognized</b> Approval ID: E118976-20080903				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	24 V	16 A	-	-

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## Classifications

### ECLASS

ECLASS-13.0	27440390
ECLASS-15.0	27460202

### ETIM

ETIM 10.0	EC002638
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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
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### 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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### EF3.1 Climate Change

CO2e kg	0.209 kg CO2e
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