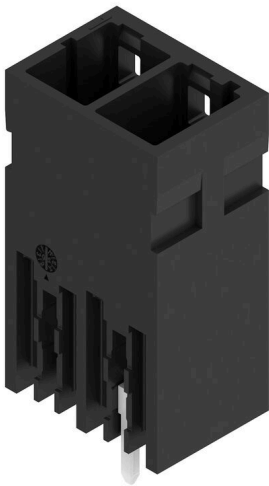


MHS 6/02 V T3 B T

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image**General ordering data**

Version	PCB plug-in connector, male header, THT/THR solder connection, Pitch in mm (P): 6.35 mm, Number of poles: 2, 180°, Tube
Order No.	3106930000
Type	MHS 6/02 V T3 B T
GTIN (EAN)	4099987171205
Qty.	36 items
Product data	IEC: 1000 V / 32 A UL: 300 V / 30 A
Packaging	Tube

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Technical data

Dimensions and weights

Depth	10.2 mm	Depth (inches)	0.4016 inch
Height	28.2 mm	Height (inches)	1.1102 inch
Height of lowest version	25 mm	Width	13.9 mm
Width (inches)	0.5472 inch	Net weight	99 g

Temperatures

Ambient temperature	-50 °C...120 °C
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Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Material data

Insulating material	PA 9T	Colour	black
Colour chart (similar)	RAL 9011	Comparative Tracking Index (CTI)	≤ 600
Moisture Level (MSL)	1	UL 94 flammability rating	V-0
Contact base material	CuMg	Contact material	Cu-alloy
Contact surface	tinned	Tinning type	mat
Storage temperature, min.	-25 °C	Storage temperature, max.	55 °C
Operating temperature, min.	-50 °C	Operating temperature, max.	120 °C

Rated data acc. to IEC

tested acc. to standard	IEC 60664-1, IEC 61984	Rated current, min. number of poles (Tu=20°C)	32 A
Rated current, max. number of poles (Tu=20°C)	32 A	Rated current, min. number of poles (Tu=40°C)	32 A
Rated current, max. number of poles (Tu=40°C)	32 A	Rated voltage for surge voltage class / pollution degree II/2	1000 V
Rated voltage for surge voltage class / pollution degree III/2	800 V	Rated voltage for surge voltage class / pollution degree III/3	630 V
Rated impulse voltage for surge voltage class/ pollution degree II/2	6 kV	Rated impulse voltage for surge voltage class/ pollution degree III/2	6 kV
Rated impulse voltage for surge voltage class/ contamination degree III/3	6 kV	Creepage distance, min.	4 mm

Rated data acc. to UL 1059

Rated voltage (Use group B / UL 1059)	300 V	Rated voltage (Use group D / UL 1059)	600 V
Rated voltage (Use group F / UL 1059)	1000 V	Rated current (Use group B / UL 1059)	30 A
Rated current (Use group D / UL 1059)	5 A	Creepage distance, min.	4 mm
Clearance distance, min.	5.5 mm		

Important note

Notes	<ul style="list-style-type: none"> Rated current related to rated cross-section & min. No. of poles. P on drawing = pitch Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards. Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months
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Technical data

Classifications

ETIM 8.0	EC002637	ETIM 9.0	EC002637
ETIM 10.0	EC002637	ECLASS 14.0	27-46-02-01
ECLASS 15.0	27-46-02-01		

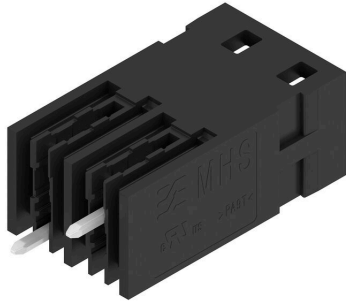
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Drawings

Product image



Dimensional drawing

