

Base strip - MSTBV 2,5/16-G-5,08 - 1758157

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Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, Color: green, Contact surface: Tin, mounting: Wave soldering



The figure shows a 10-position version of the product

Why buy this product

- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Well-known mounting principle allows worldwide use
- ✓ Vertical connection enables multi-row arrangement on the PCB



Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 030360
GTIN	4017918030360
Weight per Piece (excluding packing)	6.880 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length	8.6 mm
Pitch	5.08 mm
Dimension a	76.20 mm
Width	81.28 mm
Constructional height	12 mm

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Technical data

Dimensions

Height	15.9 mm
Length of the solder pin	3.9 mm
Pin dimensions	1 x 1 mm
Hole diameter	1.4 mm

General

Range of articles	MSTBV 2,5/...-G
Insulating material group	IIIa
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	250 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	12 A
Maximum load current	12 A
Insulating material	PBT
Flammability rating according to UL 94	V0
Color	green
Number of positions	16

Standards and Regulations

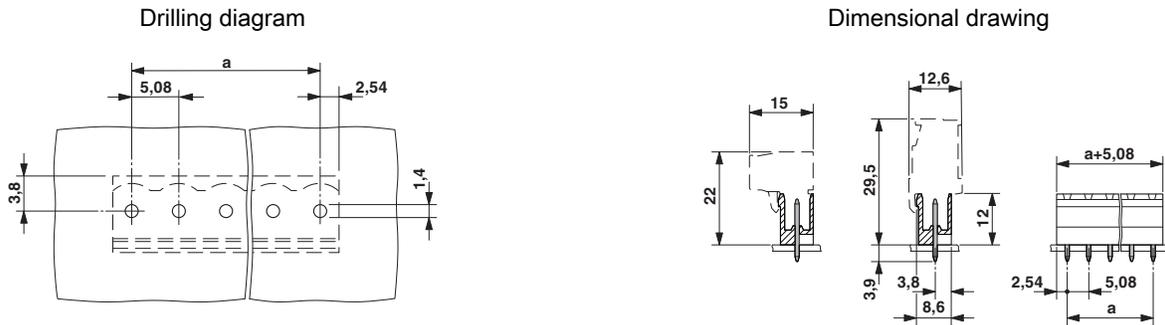
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Base strip - MSTBV 2,5/16-G-5,08 - 1758157



Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637
ETIM 6.0	EC002637

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals

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CSA / VDE Gutachten mit Fertigungsüberwachung / IECCEB Scheme / cULus Recognized / EAC

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Approvals

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
		B	D
Nominal current I _N		12 A	10 A
Nominal voltage U _N		300 V	300 V

VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx	40004701
Nominal current I _N		12 A	
Nominal voltage U _N		250 V	

IECEE CB Scheme		http://www.iecee.org/	DE1-58636-B1B2
Nominal current I _N		12 A	
Nominal voltage U _N		250 V	

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19931011
		B	D
Nominal current I _N		12 A	10 A
Nominal voltage U _N		300 V	300 V

EAC			B.01742
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Accessories

Accessories

Coding element

Coding star - CR-MSTB - 1734401



Coding section, inserted into the recess in the header or the inverted plug, red insulating material

Filler plug

Accessories - MSTB-BL - 1755477



Keying cap, for forming sections, plugs onto header pin, green insulating material

Labeled terminal marker

Marker card - SK 5,08/3,8:FORTL.ZAHLEN - 0804293



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 5.08 mm, Lettering field: 5.08 x 3.8 mm

Marker pen

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

Terminal marking

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Accessories

Marker card - SK 5,08/3,8:UNBEDRUCKT - 0805412



Marker card, Card, white, unlabeled, can be labeled with: Marker pen, Mounting type: Adhesive, for terminal block width: 5.08 mm, Lettering field: 5.08 x 3.8 mm

Additional products

Printed-circuit board connector - FKCN 2,5/16-ST-5,08 - 1754704



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTB 2,5/16-ST-5,08 - 1757158



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTB 2,5/16-STZ-5,08 - 1764248



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTBP 2,5/16-ST-5,08 - 1769159



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

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Accessories

Printed-circuit board connector - FRONT-MSTB 2,5/16-ST-5,08 - 1777426

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Front screw connection, Color: green, Contact surface: Tin



Printed-circuit board connector - MSTBT 2,5/16-ST-5,08 - 1781124

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



Printed-circuit board connector - MVSTBR 2,5/16-ST-5,08 - 1792388

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



Printed-circuit board connector - MVSTBW 2,5/16-ST-5,08 - 1792896

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



Printed-circuit board connector - MSTBC 2,5/16-ST-5,08 - 1808955

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte



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Accessories

Printed-circuit board connector - MSTBC 2,5/16-STZ-5,08 - 1809640



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte

Printed-circuit board connector - MSTBU 2,5/16-STD-5,08 - 1824269



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, mounting: Direct mounting

Printed-circuit board connector - MSTBU 2,5/16-ST-5,08-FL - 1824492



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, mounting: Direct mounting

Printed-circuit board connector - SMSTB 2,5/16-ST-5,08 - 1826429



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Plug - MSTBVK 2,5/16-ST-5,08 - 1831456



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, mounting: DIN rail

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Accessories

Printed-circuit board connector - UMSTBVK 2,5/16-ST-5,08 - 1833959



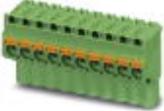
Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, mounting: DIN rail

Printed-circuit board connector - FKC 2,5/16-ST-5,08 - 1873197



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCVW 2,5/16-ST-5,08 - 1873799



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCVR 2,5/16-ST-5,08 - 1874099



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - QC 1/16-ST-5,08 - 1883844



Plug component, nominal current: 10 A, rated voltage (III/2): 630 V, number of positions: 16, pitch: 5.08 mm, connection method: Displacement connection, Color: green, Contact surface: Tin

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Accessories

Printed-circuit board connector - FKCT 2,5/16-ST-5,08 - 1902259



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCS 2,5/16-ST-5,08 - 1975215



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin