

Header - GMSTBVA 2,5/ 8-G-7,62 - 1766835

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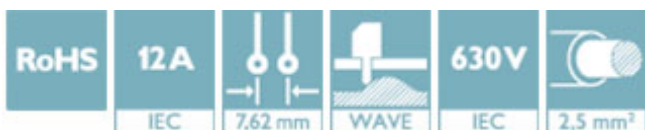
PCB headers, nominal current: 12 A, rated voltage (III/2): 630 V, number of positions: 8, pitch: 7.62 mm, color: green, contact surface: Tin, mounting: Wave soldering




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
- ✓ Larger pitch for increased voltage requirements
- ✓ Closed contour for optimum stability of the plug-in connection
- ✓ Vertical connection enables multi-row arrangement on the PCB



Key Commercial Data

Packing unit	100 STK
GTIN	 4 017918 032852
GTIN	4017918032852
Weight per Piece (excluding packing)	3.890 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length [l]	8.6 mm
Width	60.96 mm
Pitch	7.62 mm
Dimension a	53.34 mm
Width [w]	60.96 mm
Height [h]	15.9 mm
Constructional height	12 mm

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Technical data

Dimensions

Length of the solder pin	3.9 mm
Pin dimensions	1 x 1 mm
Length	8.6 mm

General

Range of articles	GMSTBVA 2,5/..-G
Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	400 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	12 A
Maximum load current	12 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	8

Standards and Regulations

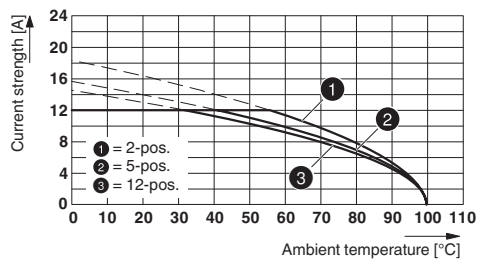
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

Environmental Product Compliance

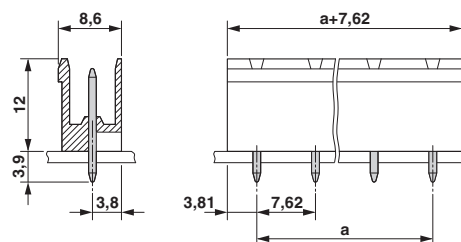
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Diagram



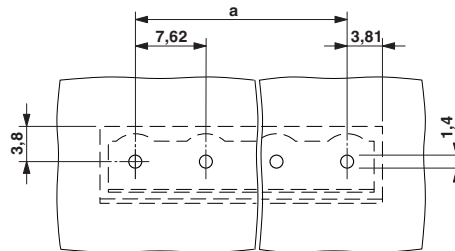
Dimensional drawing



Type: GMSTB 2,5/..-ST-7,62 with GMSTBVA 2,5/..-G-7,62

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Drilling diagram



Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
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

Approvals


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


Ex Approvals


Header - GMSTBVA 2,5/ 8-G-7,62 - 1766835


Approvals


Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
		D	B
Nominal voltage UN		300 V	300 V
Nominal current IN		10 A	10 A

VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40004701
Nominal voltage UN		400 V	
Nominal current IN		12 A	

IECEE CB Scheme		http://www.iecee.org/	DE1-58978-B1B2
Nominal voltage UN		400 V	
Nominal current IN		12 A	

EAC			B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19931013
		D	B
Nominal voltage UN		300 V	300 V
Nominal current IN		10 A	15 A

Accessories

Accessories

Coding element

Header - GMSTBVA 2,5/ 8-G-7,62 - 1766835

Accessories

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 7,62/3,8:FORTL.ZAHLEN - 0804549



Marker card, Card, white, labeled, Horizontal: consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, mounting type: adhesive, for terminal block width: 7.62 mm, lettering field size: 7.62 x 3.8 mm

Additional products

Printed-circuit board connector - GMSTB 2,5/ 8-ST-7,62 - 1767067

PCB connector, nominal current: 12 A, rated voltage (III/2): 630 V, number of positions: 8, pitch: 7.62 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



Printed-circuit board connector - FRONT-GMSTB 2,5/ 8-ST-7,62 - 1806177

PCB connector, nominal current: 12 A, rated voltage (III/2): 630 V, number of positions: 8, pitch: 7.62 mm, connection method: Front screw connection, color: green, contact surface: Tin



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Accessories

Printed-circuit board connector - GMVSTBW 2,5/ 8-ST-7,62 - 1832471



PCB connector, nominal current: 12 A, rated voltage (III/2): 630 V, number of positions: 8, pitch: 7.62 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - GMVSTBR 2,5/ 8-ST-7,62 - 1832581



PCB connector, nominal current: 12 A, rated voltage (III/2): 630 V, number of positions: 8, pitch: 7.62 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - GFKC 2,5/ 8-ST-7,62 - 1939691



PCB connector, nominal current: 12 A, rated voltage (III/2): 630 V, number of positions: 8, pitch: 7.62 mm, connection method: Push-in spring connection, color: green, contact surface: Tin, COMBICON connectors may only be activated under no load conditions. If for operating reasons small loads must be switched, experimental values are available upon request.