

Printed-circuit board connector - MSTBVA 2,5/10-G - 1755503

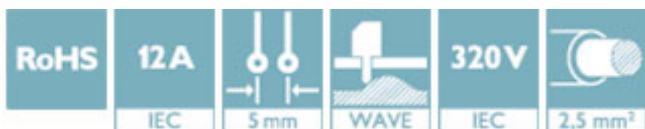
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PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering




Your advantages

- ✓ 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
- ✓ Closed contour for optimum stability of the plug-in connection



Key Commercial Data

Packing unit	100 pc
Minimum order quantity	100 pc
GTIN	 4 017918 029081
GTIN	4017918029081
Weight per Piece (excluding packing)	0.004 kg
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length [l]	8.6 mm
Width	52 mm
Pitch	5 mm
Dimension a	45 mm
Width [w]	52 mm
Height [h]	15.9 mm
Height	12 mm
Length of the solder pin	3.9 mm

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Technical data

Dimensions

Pin dimensions	1 x 1 mm
Length	8.6 mm

General

Range of articles	MSTBVA 2,5/...-G
Insulating material group	I
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	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	10

Standards and Regulations

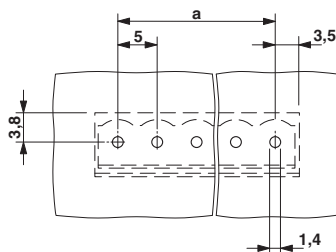
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

Environmental Product Compliance

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

Drawings

Drilling diagram



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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 / IEC/IEC CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

Ex 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	12 A	

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Approvals

IECEE CB Scheme	CB scheme	http://www.iecee.org/	DE1-58978-B1B2
Nominal voltage UN		250 V	
Nominal current IN		12 A	

VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40004701
Nominal voltage UN		250 V	
Nominal current IN		12 A	

EAC	EAC	B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19931011
	D	B	
Nominal voltage UN	300 V	300 V	
Nominal current IN	10 A	12 A	

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

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Accessories

Accessories - MSTB-BL - 1755477



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

Labeled terminal marker

Marker card - SK 5/3,8:FORTL.ZAHLEN - 0804183



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 mm, lettering field size: 5 x 3.8 mm

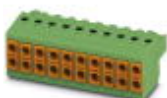
Additional products

Printed-circuit board connector - TVFKC 1,5/10-ST - 1713910



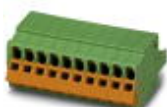
PCB connector, nominal current: 10 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - TVFKCL 1,5/10-ST - 1716001



PCB connector, nominal current: 10 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Plug - QC 1,5/10-ST - 1718041



PCB connector, nominal current: 12 A, rated voltage (III/2): 630 V, number of positions: 10, pitch: 5 mm, connection method: Displacement connection, color: green, contact surface: Tin

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Accessories

Printed-circuit board connector - FKCN 2,5/10-ST - 1732823

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin



Printed-circuit board connector - MSTB 2,5/10-ST - 1754601

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



Printed-circuit board connector - MSTB 2,5/10-STZ - 1759004

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



Printed-circuit board connector - MSTBP 2,5/10-ST - 1765852

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



Printed-circuit board connector - SMSTB 2,5/10-ST - 1768833

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



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Accessories

Printed-circuit board connector - FRONT-MSTB 2,5/10-ST - 1779495

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, connection method: Front screw connection, color: green, contact surface: Tin



Printed-circuit board connector - MSTBT 2,5/10-ST - 1779916

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



Printed-circuit board connector - MVSTBR 2,5/10-ST - 1792090

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



Printed-circuit board connector - MVSTBW 2,5/10-ST - 1792605

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



Printed-circuit board connector - FKCT 2,5/10-ST - 1909294

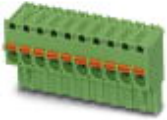
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Accessories

Printed-circuit board connector - FKCVR 2,5/10-ST - 1909799



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - FKCVW 2,5/10-ST - 1910115



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - FKC 2,5/10-ST - 1910432



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - FKCS 2,5/10-ST - 1974818



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin