

Printed-circuit board connector - MSTBVA 2,5/ 3-G-5,08 - 1755749

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PCB headers, nominal current: 12 A, number of positions: 3, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering




The figure shows a 10-position version of the product

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
- ✓ Easy PCB replacement thanks to plug-in modules



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	250 pc
GTIN	 4 017918 029326
GTIN	4017918029326
Weight per Piece (excluding packing)	1.280 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length [l]	8.6 mm
Width	17.24 mm
Pitch	5.08 mm

Printed-circuit board connector - MSTBVA 2,5/ 3-G-5,08 - 1755749

Technical data

Dimensions

Dimension a	10.16 mm
Width [w]	17.24 mm
Height [h]	15.9 mm
Height	12 mm
Length of the solder pin	3.9 mm
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)	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	3

Standards and Regulations

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

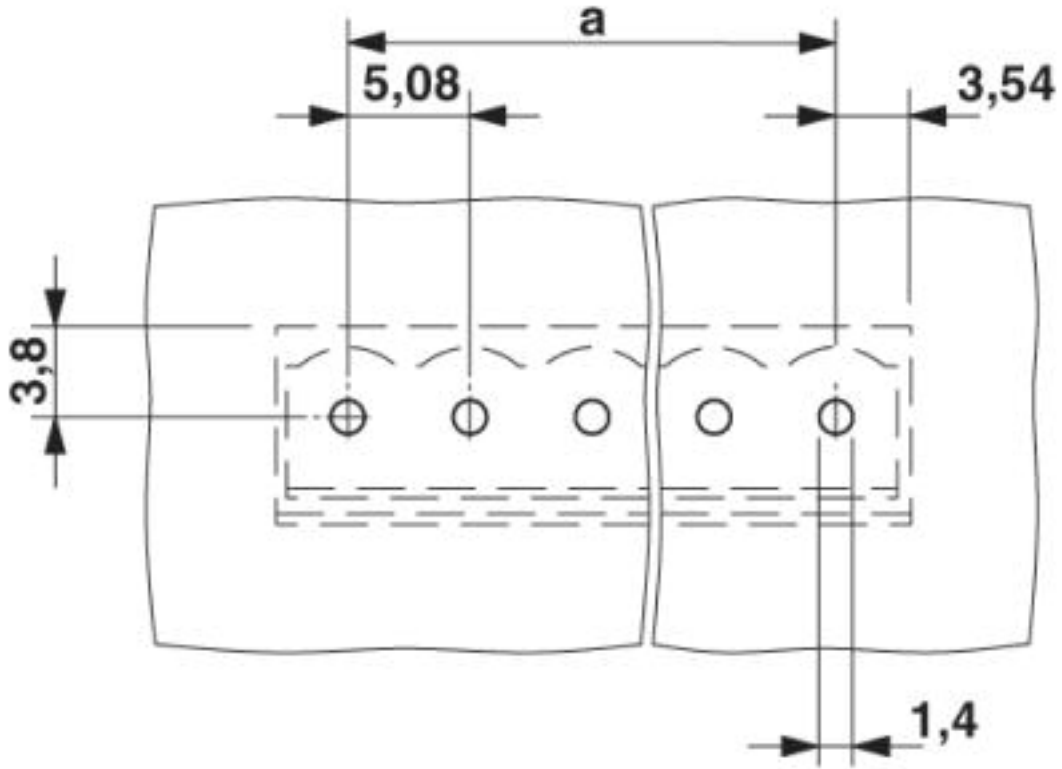
Environmental Product Compliance

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

Drawings

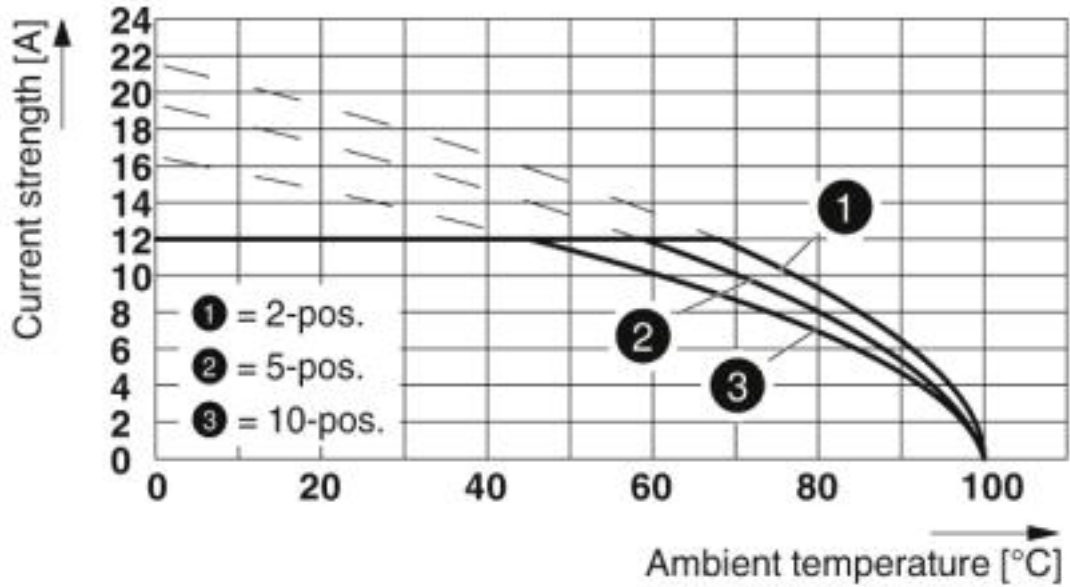
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Drilling diagram



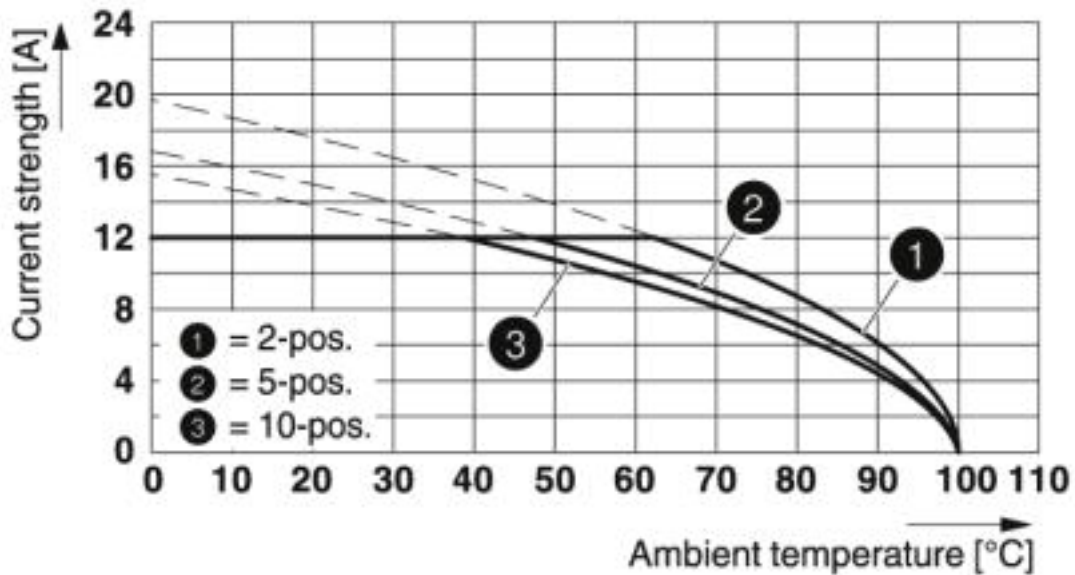
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Diagram



Type: TFKC 2,5/...-ST-5,08 with MSTBVA 2,5/...-G-5,08

Diagram



Type: TVMSTB 2,5/...-ST-5,08 with MSTBVA 2,5/...-G-5,08

Printed-circuit board connector - MSTBVA 2,5/ 3-G-5,08 - 1755749

Classifications

eCl@ss

eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
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
ETIM 7.0	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 / IEC EE CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized


Ex Approvals


Approval details

Printed-circuit board connector - MSTBVA 2,5/ 3-G-5,08 - 1755749


Approvals

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
	B	D	
Nominal voltage UN	300 V	300 V	
Nominal current IN	12 A	10 A	

IECEE CB Scheme		http://www.iecee.org/	DE1-60988-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			B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19931011
	B	D	
Nominal voltage UN	300 V	300 V	
Nominal current IN	12 A	10 A	

Accessories

Accessories

Coding element

Printed-circuit board connector - MSTBVA 2,5/ 3-G-5,08 - 1755749

Accessories

Coding section - 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 size: 5.08 x 3.8 mm

Additional products

Printed-circuit board connector - TVMSTB 2,5/ 3-ST-5,08 - 1719011



PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MSTBVA 2,5/ 3-G-5,08 - 1755749

Accessories

Printed-circuit board connector - FKCN 2,5/ 3-ST-5,08 - 1754571

PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin



Printed-circuit board connector - MSTB 2,5/ 3-ST-5,08 - 1757022

PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



Printed-circuit board connector - MSTBP 2,5/ 3-ST-5,08 - 1769023

PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



Printed-circuit board connector - MSTB 2,5/ 3-STZ-5,08 - 1776168

PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



Printed-circuit board connector - FRONT-MSTB 2,5/ 3-ST-5,08 - 1777293

PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5.08 mm, connection method: Front screw connection, color: green, contact surface: Tin



Printed-circuit board connector - MSTBVA 2,5/ 3-G-5,08 - 1755749

Accessories

Printed-circuit board connector - MSTBT 2,5/ 3-ST-5,08 - 1779990



PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MVSTBR 2,5/ 3-ST-5,08 - 1792252



PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MVSTBW 2,5/ 3-ST-5,08 - 1792760



PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MSTBC 2,5/ 3-ST-5,08 - 1808829



PCB connector, nominal current: 12 A, number of positions: 3, 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 - MSTBC 2,5/ 3-STZ-5,08 - 1809514



PCB connector, nominal current: 12 A, number of positions: 3, 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 - MSTBVA 2,5/ 3-G-5,08 - 1755749

Accessories

Printed-circuit board connector - MSTBU 2,5/ 3-STD-5,08 - 1824133



Direct plug-in block, nominal current: 12 A, number of positions: 3, 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/ 3-ST-5,08-FL - 1824366



Direct plug-in block, nominal current: 12 A, number of positions: 3, 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/ 3-ST-5,08 - 1826296



PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - TMSTBP 2,5/ 3-ST-5,08 - 1853023



PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin, The plug allows conductors to be looped through from module to module.

Printed-circuit board connector - FKC 2,5/ 3-ST-5,08 - 1873061



PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - MSTBVA 2,5/ 3-G-5,08 - 1755749

Accessories

Printed-circuit board connector - FKCVW 2,5/ 3-ST-5,08 - 1873663



PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - FKCVR 2,5/ 3-ST-5,08 - 1873964



PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - QC 1/ 3-ST-5,08 - 1883268



PCB connector, nominal current: 10 A, number of positions: 3, pitch: 5.08 mm, connection method: Displacement connection, color: green, contact surface: Tin

Printed-circuit board connector - FKCT 2,5/ 3-ST-5,08 - 1902123



PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - TFKC 2,5/ 3-ST-5,08 - 1962613



PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - MSTBVA 2,5/ 3-G-5,08 - 1755749

Accessories

Printed-circuit board connector - FKCS 2,5/ 3-ST-5,08 - 1975082

PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

