

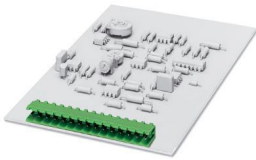
# MSTB 2,5/14-G-5,08-LA - PCB header



1770834

<https://www.phoenixcontact.com/pc/products/1770834>

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PCB headers, color: green, contact surface: Tin, number of positions: 14, product range: MSTB 2,5/..-G-LA, pitch: 5.08 mm, pin layout: Linear pinning, solder pin [P]: 3.2 mm, type of packaging: packed in cardboard

## Commercial data

Item number	1770834
Packing unit	50 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	AAC1GF
GTIN	4017918035570
Weight per piece (including packing)	5.2 g
Weight per piece (excluding packing)	4.534 g
Customs tariff number	85366930
Country of origin	DE

# MSTB 2,5/14-G-5,08-LA - PCB header

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## Technical data

### Product properties

Product type	PCB headers
Product family	MSTB 2,5/..-G-LA
Type	Header for light indicator element
Number of positions	14
Pitch	5.08 mm
Mounting flange	without
Pin layout	Linear pinning

### Electrical properties

Maximum load current	12 A
Rated voltage (II/2)	400 V
Rated voltage (III/2)	320 V
Rated surge voltage (II/2)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (III/3)	4 kV

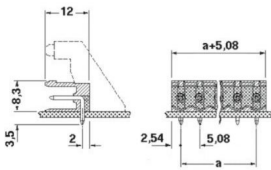
### Mounting

Mounting type	Wave soldering
Pin layout	Linear pinning

### Material specifications

Color	green
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PBT
Contact surface	Tin Sn
Contact surface material	Sn

### Dimensions

Dimensional drawing	
Width	71.12 mm
Height	11.5 mm
Installed height	8.3 mm

# MSTB 2,5/14-G-5,08-LA - PCB header



1770834

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Length of the solder pin	3.2 mm
Length	12 mm
Length of the solder pin	3.2 mm
Hole diameter	1.4 mm
Pitch	5.08 mm

## Packaging specifications

Type of packaging	packed in cardboard
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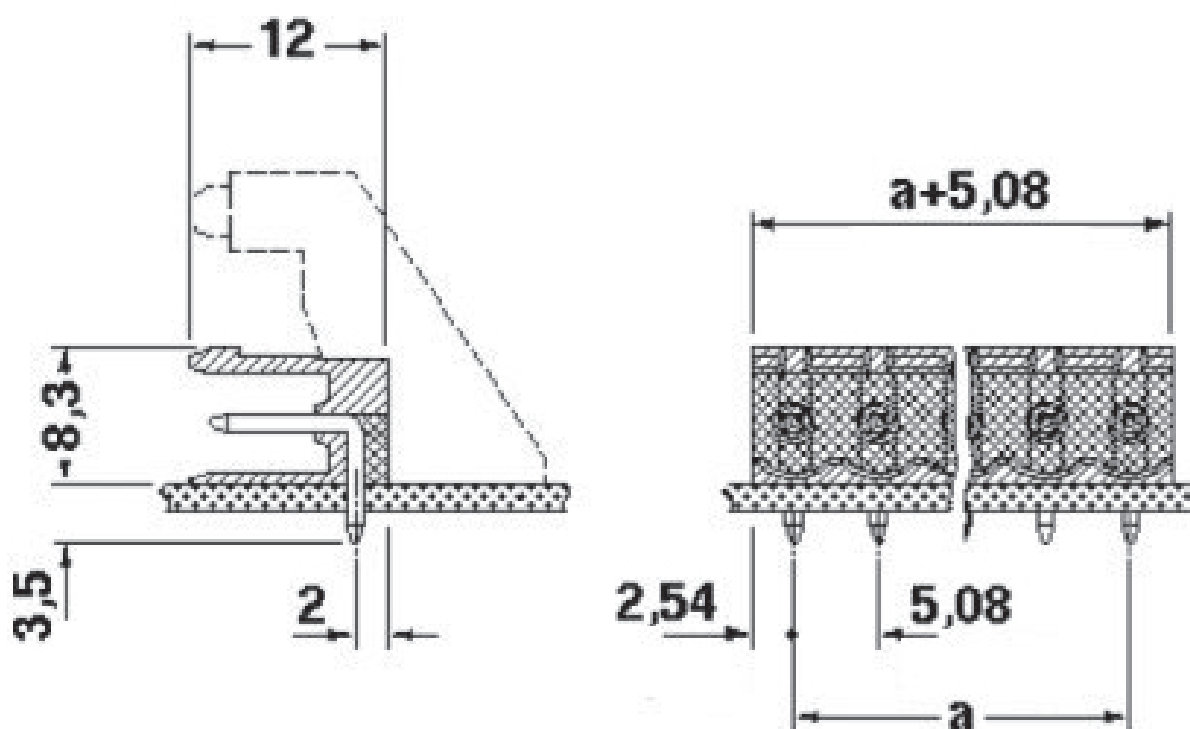
# MSTB 2,5/14-G-5,08-LA - PCB header

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## Drawings

### Dimensional drawing



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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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# MSTB 2,5/14-G-5,08-LA - PCB header

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## Accessories

### MSTB-BL - Accessories

1755477

<https://www.phoenixcontact.com/pc/products/1755477>



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

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### MSTB-BF - Accessories

1759981

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Mounting flange, for fixing both ends of the header onto the PCB, green insulating material, with M 2 x 14 screws and nuts.

# MSTB 2,5/14-G-5,08-LA - PCB header



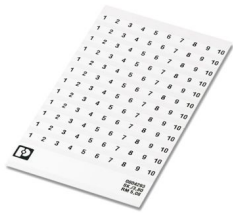
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## SK 5,08/3,8:FORTL.ZAHLEN - Marker card

0804293

<https://www.phoenixcontact.com/pc/products/0804293>



Marker 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

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## CR-MSTB - Coding section

1734401

<https://www.phoenixcontact.com/pc/products/1734401>



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

# MSTB 2,5/14-G-5,08-LA - PCB header

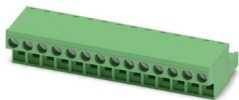
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## FRONT-MSTB 2,5/14-ST-5,08 - PCB connector

1777400

<https://www.phoenixcontact.com/pc/products/1777400>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 14, number of rows: 1, number of positions: 14, number of connections: 14, product range: FRONT-MSTB 2,5/...-ST, pitch: 5.08 mm, connection method: Front screw connection, screw head form: L Slotted, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

## MSTBC 2,5/14-ST-5,08 - PCB connector

1808939

<https://www.phoenixcontact.com/pc/products/1808939>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact connection type: Socket, number of potentials: 14, number of rows: 1, number of positions: 14, number of connections: 14, product range: MSTBC 2,5/...-ST, pitch: 5.08 mm, connection method: Crimp connection, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard, Corresponding female crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] 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

# MSTB 2,5/14-G-5,08-LA - PCB header

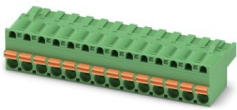
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## FKCT 2,5/14-ST-5,08 - PCB connector

1902233

<https://www.phoenixcontact.com/pc/products/1902233>



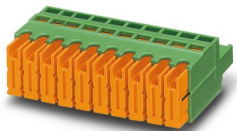
PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 14, number of rows: 1, number of positions: 14, number of connections: 14, product range: FKCT 2,5/..-ST, pitch: 5.08 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

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## QC 1/14-ST-5,08 - PCB connector

1883828

<https://www.phoenixcontact.com/pc/products/1883828>



PCB connector, nominal cross section: 1 mm<sup>2</sup>, color: green, nominal current: 10 A, rated voltage (III/2): 630 V, contact surface: Tin, contact connection type: Socket, number of potentials: 14, number of rows: 1, number of positions: 14, number of connections: 14, product range: QC 1/..-ST, pitch: 5.08 mm, connection method: Displacement connection, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

# MSTB 2,5/14-G-5,08-LA - PCB header

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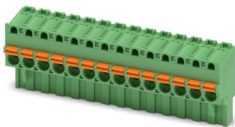
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## FKCVR 2,5/14-ST-5,08 - PCB connector

1874073

<https://www.phoenixcontact.com/pc/products/1874073>



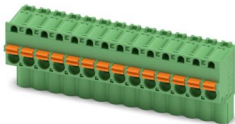
PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 14, number of rows: 1, number of positions: 14, number of connections: 14, product range: FKCVR 2,5/...-ST, pitch: 5.08 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 90 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

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## FKCVW 2,5/14-ST-5,08 - PCB connector

1873773

<https://www.phoenixcontact.com/pc/products/1873773>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 14, number of rows: 1, number of positions: 14, number of connections: 14, product range: FKCVW 2,5/...-ST, pitch: 5.08 mm, connection method: Push-in spring connection, conductor/PCB connection direction: -90 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

# MSTB 2,5/14-G-5,08-LA - PCB header

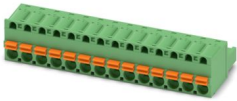
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<https://www.phoenixcontact.com/pc/products/1770834>

## FKC 2,5/14-ST-5,08 - PCB connector

1873171

<https://www.phoenixcontact.com/pc/products/1873171>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 14, number of rows: 1, number of positions: 14, number of connections: 14, product range: FKC 2,5/...-ST, pitch: 5.08 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

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## MSTBC 2,5/14-STZ-5,08 - PCB connector

1809624

<https://www.phoenixcontact.com/pc/products/1809624>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact connection type: Socket, number of potentials: 14, number of rows: 1, number of positions: 14, number of connections: 14, product range: MSTBC 2,5/...-STZ, pitch: 5.08 mm, connection method: Crimp connection, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard, Corresponding female crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] 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

# MSTB 2,5/14-G-5,08-LA - PCB header

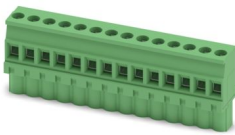
1770834

<https://www.phoenixcontact.com/pc/products/1770834>

## MVSTBW 2,5/14-ST-5,08 - PCB connector

1792870

<https://www.phoenixcontact.com/pc/products/1792870>



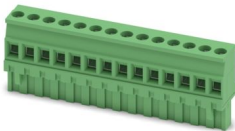
PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 14, number of rows: 1, number of positions: 14, number of connections: 14, product range: MVSTBW 2,5/..-ST, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: -90 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

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## MVSTBR 2,5/14-ST-5,08 - PCB connector

1792362

<https://www.phoenixcontact.com/pc/products/1792362>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 14, number of rows: 1, number of positions: 14, number of connections: 14, product range: MVSTBR 2,5/..-ST, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 90 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

# MSTB 2,5/14-G-5,08-LA - PCB header

1770834

<https://www.phoenixcontact.com/pc/products/1770834>

## IC 2,5/14-G-5,08 - PCB header

1786527

<https://www.phoenixcontact.com/pc/products/1786527>

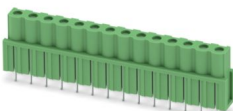


PCB headers, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 14, number of rows: 1, number of positions: 14, number of connections: 14, product range: IC 2,5/..-G, pitch: 5.08 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, number of solder pins per potential: 2, plug-in system: COMBICON MSTB 2,5, Pin connector pattern alignment: Standard, locking: without, mounting: without, type of packaging: packed in cardboard

## ICV 2,5/14-G-5,08 - PCB header

1786064

<https://www.phoenixcontact.com/pc/products/1786064>



PCB headers, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 14, number of rows: 1, number of positions: 14, number of connections: 14, product range: ICV 2,5/..-G, pitch: 5.08 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.6 mm, number of solder pins per potential: 2, plug-in system: COMBICON MSTB 2,5, Pin connector pattern alignment: Standard, locking: without, mounting: without, type of packaging: packed in cardboard

# MSTB 2,5/14-G-5,08-LA - PCB header

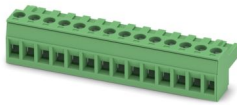
1770834

<https://www.phoenixcontact.com/pc/products/1770834>

## MSTBT 2,5/14-ST-5,08 - PCB connector

1781108

<https://www.phoenixcontact.com/pc/products/1781108>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 14, number of rows: 1, number of positions: 14, number of connections: 14, product range: MSTBT 2,5/...-ST, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

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## MSTBP 2,5/14-ST-5,08 - PCB connector

1769133

<https://www.phoenixcontact.com/pc/products/1769133>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 14, number of rows: 1, number of positions: 14, number of connections: 14, product range: MSTBP 2,5/...-ST, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

# MSTB 2,5/14-G-5,08-LA - PCB header

1770834

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## MSTB 2,5/14-STZ-5,08 - PCB connector

1764264

<https://www.phoenixcontact.com/pc/products/1764264>

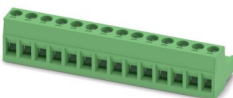


PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 14, number of rows: 1, number of positions: 14, number of connections: 14, product range: MSTB 2,5/..-ST, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

## MSTB 2,5/14-ST-5,08 - PCB connector

1757132

<https://www.phoenixcontact.com/pc/products/1757132>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 14, number of rows: 1, number of positions: 14, number of connections: 14, product range: MSTB 2,5/..-ST, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

# MSTB 2,5/14-G-5,08-LA - PCB header



1770834

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## SMSTB 2,5/14-ST-5,08 - PCB connector

1826403

<https://www.phoenixcontact.com/pc/products/1826403>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 14, number of rows: 1, number of positions: 14, number of connections: 14, product range: SMSTB 2,5/...-ST, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: -45 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

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