

https://www.phoenixcontact.com/us/products/1755590



Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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: Pin, number of potentials: 11, number of rows: 1, number of positions: 11, number of connections: 11, product range: MSTBVA 2,5/..-G, pitch: 5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.9 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, Pin connector pattern alignment: Standard, locking: without, mounting: without, type of packaging: packed in cardboard

### 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

### Commercial data

| Item number                          | 1755590             |
|--------------------------------------|---------------------|
| Packing unit                         | 50 pc               |
| Minimum order quantity               | 50 pc               |
| Sales key                            | AA03                |
| Product key                          | AACSLE              |
| Catalog page                         | Page 315 (C-1-2013) |
| GTIN                                 | 4017918029173       |
| Weight per piece (including packing) | 4.226 g             |
| Weight per piece (excluding packing) | 3.763 g             |
| Customs tariff number                | 85366930            |
| Country of origin                    | DE                  |



https://www.phoenixcontact.com/us/products/1755590



### Technical data

### Product properties

| Product type              | PCB headers           |
|---------------------------|-----------------------|
| Product family            | MSTBVA 2,5/G          |
| Product line              | COMBICON Connectors M |
| Туре                      | Standard              |
| Number of positions       | 11                    |
| Pitch                     | 5 mm                  |
| Number of connections     | 11                    |
| Number of rows            | 1                     |
| Number of potentials      | 11                    |
| Mounting flange           | without               |
| Pin layout                | Linear pinning        |
| Solder pins per potential | 1                     |

### Electrical properties

| Nominal current I <sub>N</sub> | 12 A   |
|--------------------------------|--------|
| Nominal voltage U <sub>N</sub> | 320 V  |
| Contact resistance             | 2.5 mΩ |
| Rated voltage (III/3)          | 320 V  |
| Rated surge voltage (III/3)    | 4 kV   |
| Rated voltage (III/2)          | 320 V  |
| Rated surge voltage (III/2)    | 4 kV   |
| Rated voltage (II/2)           | 630 V  |
| Rated surge voltage (II/2)     | 4 kV   |

### Mounting

| Mounting type | Wave soldering |
|---------------|----------------|
| Pin layout    | Linear pinning |

### Material specifications

### Material data - contact

| Note                                        | WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201 |
|---------------------------------------------|----------------------------------------------------------------------------------|
| Contact material                            | Cu alloy                                                                         |
| Surface characteristics                     | Tin-plated                                                                       |
| Metal surface contact area (top layer)      | Tin (3 - 5 μm Sn)                                                                |
| Metal surface contact area (middle layer)   | Nickel (1.3 - 3 µm Ni)                                                           |
| Metal surface soldering area (top layer)    | Tin (3 - 5 μm Sn)                                                                |
| Metal surface soldering area (middle layer) | Nickel (1.3 - 3 µm Ni)                                                           |

| Material | data - | - housing |
|----------|--------|-----------|
| Material | uutu   | Housing   |

| _                 |              |
|-------------------|--------------|
| Color (Housing)   | green (6021) |
| Color (Fiedering) | green (6621) |



https://www.phoenixcontact.com/us/products/1755590



| Insulating material                                               | PA     |
|-------------------------------------------------------------------|--------|
| Insulating material group                                         | 1      |
| CTI according to IEC 60112                                        | 600    |
| Flammability rating according to UL 94                            | V0     |
| Glow wire flammability index GWFI according to EN 60695-2-12      | 850    |
| Glow wire ignition temperature GWIT according to EN 60695-2-13    | 775    |
| Temperature for the ball pressure test according to EN 60695-10-2 | 125 °C |

### Notes

| Notes on operation | In accordance with IEC 61984, COMBICON connectors have no switching power (COC). During designated use, they must not be plugged in or disconnected when carrying voltage or under load. |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### **Dimensions**

| Dimensional drawing   | ph ph    |
|-----------------------|----------|
| Pitch                 | 5 mm     |
| Width [w]             | 57 mm    |
| Height [h]            | 15.9 mm  |
| Length [I]            | 8.6 mm   |
| Installed height      | 12 mm    |
| Solder pin length [P] | 3.9 mm   |
| Pin dimensions        | 1 x 1 mm |
| PCB design            |          |
| Hole diameter         | 1.4 mm   |

### Mechanical tests

| Vigual | inspection   |
|--------|--------------|
| visuai | II ISPECTION |

| Result Test passed | Specification | IEC 60512-1-1:2002-02 |
|--------------------|---------------|-----------------------|
| ·                  | Result        | Test passed           |

### Dimension check

| Specification | IEC 60512-1-2:2002-02 |
|---------------|-----------------------|
| Result        | Test passed           |

### Resistance of inscriptions

| Specification | IEC 60068-2-70:1995-12 |
|---------------|------------------------|
| Result        | Test passed            |

### Polarization and coding



https://www.phoenixcontact.com/us/products/1755590



| Specification                                           | IEC 60512-13-5:2006-02   |
|---------------------------------------------------------|--------------------------|
| Result                                                  | Test passed              |
| ontact holder in insert                                 |                          |
| Specification                                           | IEC 60512-15-1:2008-05   |
|                                                         |                          |
| Contact holder in insert<br>Requirements >20 N          | Test passed              |
|                                                         | Test passed              |
| Requirements >20 N                                      | Test passed  Test passed |
| Requirements >20 N sertion and withdrawal forces        |                          |
| Requirements >20 N sertion and withdrawal forces Result | Test passed              |

### Thermal test | Test group C

| Specification              | IEC 60512-5-1:2002-02 |
|----------------------------|-----------------------|
| Tested number of positions | 24                    |
| La later media             |                       |

### Insulation resistance

| Specification                                | IEC 60512-3-1:2002-02 |
|----------------------------------------------|-----------------------|
| Insulation resistance, neighboring positions | > 5 MΩ                |

### Air clearances and creepage distances |

| / ordarances and ordepage and ances                    |                     |
|--------------------------------------------------------|---------------------|
| Specification                                          | IEC 60664-1:2007-04 |
| Insulating material group                              | l l                 |
| Comparative tracking index (IEC 60112)                 | CTI 600             |
| Rated insulation voltage (III/3)                       | 320 V               |
| Rated surge voltage (III/3)                            | 4 kV                |
| minimum clearance value - non-homogenous field (III/3) | 3 mm                |
| minimum creepage distance (III/3)                      | 4 mm                |
| Rated insulation voltage (III/2)                       | 320 V               |
| Rated surge voltage (III/2)                            | 4 kV                |
| minimum clearance value - non-homogenous field (III/2) | 3 mm                |
| minimum creepage distance (III/2)                      | 3 mm                |
| Rated insulation voltage (II/2)                        | 630 V               |
| Rated surge voltage (II/2)                             | 4 kV                |
| minimum clearance value - non-homogenous field (II/2)  | 3 mm                |
| minimum creepage distance (II/2)                       | 3.2 mm              |
|                                                        |                     |

### Environmental and real-life conditions

### Vibration test

| Specification | IEC 60068-2-6:2007-12 |
|---------------|-----------------------|
| Frequency     | 10 - 150 - 10 Hz      |
| Sweep speed   | 1 octave/min          |



1755590

https://www.phoenixcontact.com/us/products/1755590

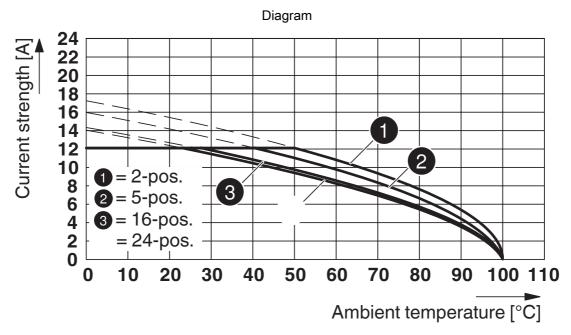
| A 1:4                                                                                 | 0.05 (40.11                                                                                 |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| Amplitude                                                                             | 0.35 mm (10 Hz 60.1 Hz)                                                                     |
| Acceleration                                                                          | 5g (60.1 Hz 150 Hz)                                                                         |
| Test duration per axis                                                                | 2.5 h                                                                                       |
| and The state of                                                                      |                                                                                             |
| rability test                                                                         |                                                                                             |
| Specification                                                                         | IEC 60512-9-1:2010-03                                                                       |
| Impulse withstand voltage at sea level                                                | 4.8 kV                                                                                      |
| Contact resistance R <sub>1</sub>                                                     | 2.5 mΩ                                                                                      |
| Contact resistance R <sub>2</sub>                                                     | 2.5 mΩ                                                                                      |
| Insertion/withdrawal cycles                                                           | 25                                                                                          |
| Insulation resistance, neighboring positions                                          | > 5 MΩ                                                                                      |
| Specification Corrosive stress                                                        | ISO 6988:1985-02  0.2 dm <sup>3</sup> SO <sub>2</sub> on 300 dm <sup>3</sup> /40 °C/1 cycle |
|                                                                                       |                                                                                             |
|                                                                                       |                                                                                             |
| Thermal stress                                                                        | 100 °C/168 h                                                                                |
| Thermal stress  Power-frequency withstand voltage                                     | 100 °C/168 h<br>2.21 kV                                                                     |
|                                                                                       |                                                                                             |
| Power-frequency withstand voltage                                                     |                                                                                             |
| Power-frequency withstand voltage                                                     | 2.21 kV                                                                                     |
| Power-frequency withstand voltage  nbient conditions  Ambient temperature (operation) | 2.21 kV  -40 °C 100 °C (dependent on the derating curve)                                    |

1755590

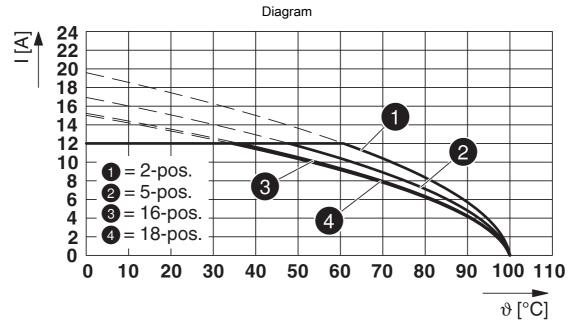
https://www.phoenixcontact.com/us/products/1755590



### **Drawings**



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



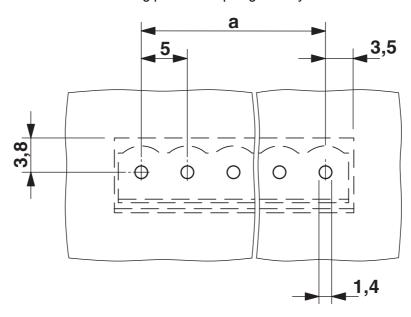
Type: FKCV(W/R) 2,5/...-ST with MSTBVA 2,5/...-G



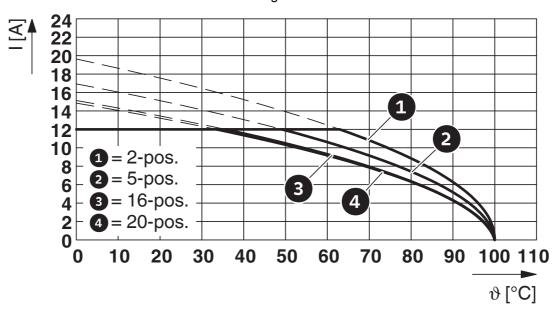
https://www.phoenixcontact.com/us/products/1755590



### Drilling plan/solder pad geometry



### Diagram

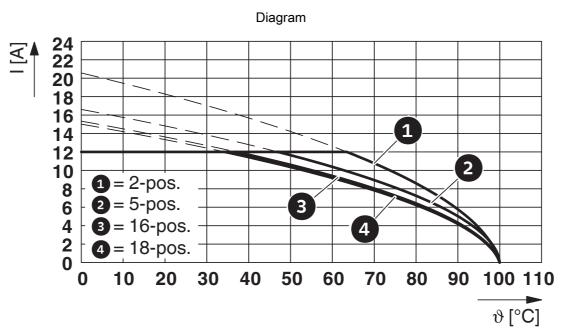


Type: FKCT 2,5/...-ST with MSTBVA 2,5/...-G

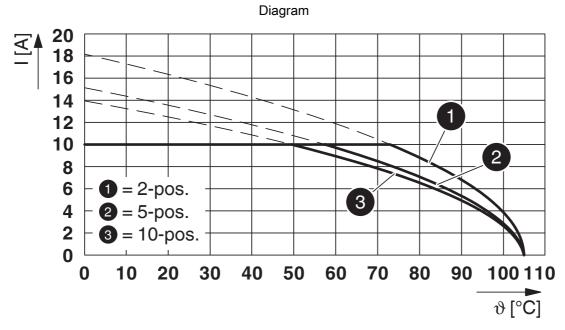


https://www.phoenixcontact.com/us/products/1755590





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

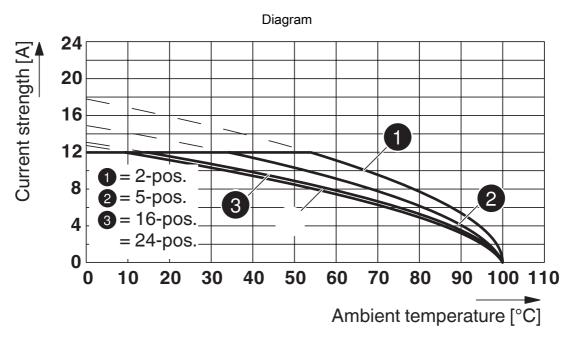


Type: TVFKC 1,5/...-ST with MSTBVA 2,5/...-G

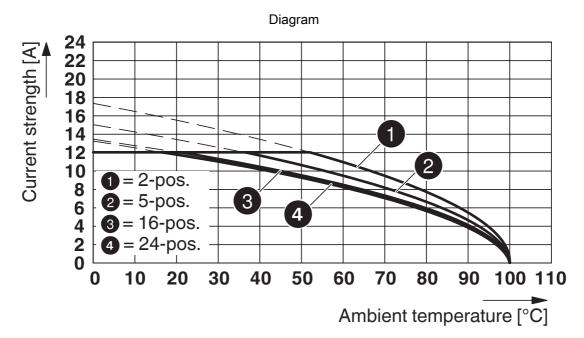


https://www.phoenixcontact.com/us/products/1755590





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

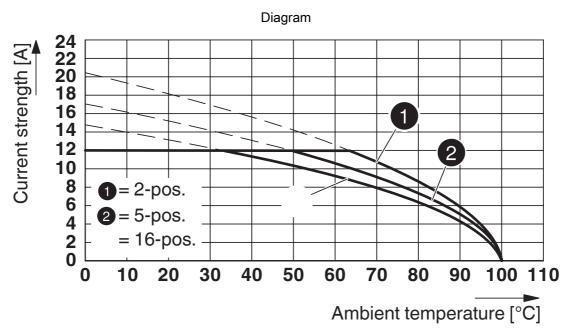


Type: MSTB 2,5/...-ST with MSTBVA 2,5/...-G

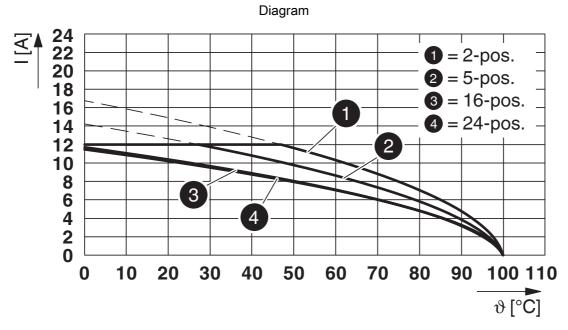


https://www.phoenixcontact.com/us/products/1755590





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



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



https://www.phoenixcontact.com/us/products/1755590



### **Approvals**

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1755590

| © CSA Approval ID: 13631-2585951 |                                |                                |                   |                               |
|----------------------------------|--------------------------------|--------------------------------|-------------------|-------------------------------|
|                                  | Nominal voltage U <sub>N</sub> | Nominal current I <sub>N</sub> | Cross section AWG | Cross section mm <sup>2</sup> |
| Use group B                      |                                |                                |                   |                               |
|                                  | 300 V                          | 12 A                           | -                 | -                             |
| Use group D                      |                                |                                |                   |                               |
|                                  | 300 V                          | 10 A                           | -                 | -                             |

| CULus Recognized Approval ID: E60425-19931011 |                                |                                |                   |                               |
|-----------------------------------------------|--------------------------------|--------------------------------|-------------------|-------------------------------|
|                                               | Nominal voltage U <sub>N</sub> | Nominal current I <sub>N</sub> | Cross section AWG | Cross section mm <sup>2</sup> |
| Use group B                                   |                                |                                |                   |                               |
|                                               | 300 V                          | 12 A                           | -                 | -                             |
| Use group D                                   |                                |                                |                   |                               |
|                                               | 300 V                          | 10 A                           | -                 | -                             |

| VDE Zeichengenehmigung Approval ID: 40050648 |                       |                                |                   |                               |
|----------------------------------------------|-----------------------|--------------------------------|-------------------|-------------------------------|
|                                              | Nominal voltage $U_N$ | Nominal current I <sub>N</sub> | Cross section AWG | Cross section mm <sup>2</sup> |
|                                              | 250 V                 | 12 A                           | -                 | -                             |



1755590

https://www.phoenixcontact.com/us/products/1755590

### Classifications

### **ECLASS**

|    | ECLASS-11.0 | 27460201 |  |  |  |
|----|-------------|----------|--|--|--|
|    | ECLASS-12.0 | 27460201 |  |  |  |
|    | ECLASS-13.0 | 27460201 |  |  |  |
| ET | ETIM        |          |  |  |  |
|    | ETIM 9.0    | EC002637 |  |  |  |
| UN | UNSPSC      |          |  |  |  |
|    | UNSPSC 21.0 | 39121400 |  |  |  |



https://www.phoenixcontact.com/us/products/1755590



### Environmental product compliance

| EU RoHS |  |
|---------|--|
|---------|--|

| Fulfills EU RoHS substance requirements | Yes, No exemptions                       |
|-----------------------------------------|------------------------------------------|
| 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%               |



https://www.phoenixcontact.com/us/products/1755590



### Accessories

### CR-MSTB - Coding section

1734401

https://www.phoenixcontact.com/us/products/1734401

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



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

0804183

https://www.phoenixcontact.com/us/products/0804183



Marker card, white, labeled, horizontal: consecutive numbers 1  $\dots$  10, 11  $\dots$  20, etc. up to 91  $\dots$  (99)100, mounting type: adhesive, for terminal block width: 5 mm, lettering field size: 5 x 3.8 mm



https://www.phoenixcontact.com/us/products/1755590



#### MSTB-BL - Accessories

1755477

https://www.phoenixcontact.com/us/products/1755477



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

### QC 1,5/11-ST - PCB connector

1718054

https://www.phoenixcontact.com/us/products/1718054



PCB connector, nominal cross section: 1.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 630 V, contact surface: Tin, contact connection type: Socket, number of potentials: 11, number of rows: 1, number of positions: 11, number of connections: 11, product range: QC 1,5/..-ST, pitch: 5 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



https://www.phoenixcontact.com/us/products/1755590



### MSTB 2,5/11-ST - PCB connector

#### 1754627

https://www.phoenixcontact.com/us/products/1754627



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 11, number of rows: 1, number of positions: 11, number of connections: 11, product range: MSTB 2,5/..-ST, pitch: 5 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 2,5/11-STZ - PCB connector

### 1759347

https://www.phoenixcontact.com/us/products/1759347



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 11, number of rows: 1, number of positions: 11, number of connections: 11, product range: MSTB 2,5/..-ST, pitch: 5 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



https://www.phoenixcontact.com/us/products/1755590



### MSTBP 2,5/11-ST - PCB connector

#### 1765865

https://www.phoenixcontact.com/us/products/1765865



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 11, number of rows: 1, number of positions: 11, number of connections: 11, product range: MSTBP 2,5/..-ST, pitch: 5 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

### SMSTB 2,5/11-ST - PCB connector

#### 1768846

https://www.phoenixcontact.com/us/products/1768846



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 11, number of rows: 1, number of positions: 11, number of connections: 11, product range: SMSTB 2,5/..-ST, pitch: 5 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



https://www.phoenixcontact.com/us/products/1755590



### FRONT-MSTB 2,5/11-ST - PCB connector

1779505

https://www.phoenixcontact.com/us/products/1779505



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 11, number of rows: 1, number of positions: 11, number of connections: 11, product range: FRONT-MSTB 2,5/..-ST, pitch: 5 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

### MSTBT 2,5/11-ST - PCB connector

1779929

https://www.phoenixcontact.com/us/products/1779929



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 11, number of rows: 1, number of positions: 11, number of connections: 11, product range: MSTBT 2,5/..-ST, pitch: 5 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



https://www.phoenixcontact.com/us/products/1755590



#### MVSTBR 2,5/11-ST - PCB connector

1792100

https://www.phoenixcontact.com/us/products/1792100



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 11, number of rows: 1, number of positions: 11, number of connections: 11, product range: MVSTBR 2,5/..-ST, pitch: 5 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

### MVSTBW 2,5/11-ST - PCB connector

1792618

https://www.phoenixcontact.com/us/products/1792618



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 11, number of rows: 1, number of positions: 11, number of connections: 11, product range: MVSTBW 2,5/..-ST, pitch: 5 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



https://www.phoenixcontact.com/us/products/1755590



### FKCT 2,5/11-ST - PCB connector

#### 1909304

https://www.phoenixcontact.com/us/products/1909304



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 11, number of rows: 1, number of positions: 11, number of connections: 11, product range: FKCT 2,5/..-ST, pitch: 5 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

### FKCVR 2,5/11-ST - PCB connector

#### 1909809

https://www.phoenixcontact.com/us/products/1909809



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 11, number of rows: 1, number of positions: 11, number of connections: 11, product range: FKCVR 2,5/..-ST, pitch: 5 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



https://www.phoenixcontact.com/us/products/1755590



### FKCVW 2,5/11-ST - PCB connector

1910128

https://www.phoenixcontact.com/us/products/1910128



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 11, number of rows: 1, number of positions: 11, number of connections: 11, product range: FKCVW 2,5/..-ST, pitch: 5 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

### FKC 2,5/11-ST - PCB connector

1910445

https://www.phoenixcontact.com/us/products/1910445



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 11, number of rows: 1, number of positions: 11, number of connections: 11, product range: FKC 2,5/..-ST, pitch: 5 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



https://www.phoenixcontact.com/us/products/1755590



FKCS 2,5/11-ST - PCB connector

1974821

https://www.phoenixcontact.com/us/products/1974821



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 11, number of rows: 1, number of positions: 11, number of connections: 11, product range: FKCS 2,5/..-ST, pitch: 5 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

Phoenix Contact 2024 © - all rights reserved https://www.phoenixcontact.com

Phoenix Contact USA 586 Fulling Mill Road Middletown, PA 17057, United States (+717) 944-1300 info@phoenixcon.com