

## Printed-circuit board connector - FRONT-MSTB 2,5/ 2-ST-5,08 - 1777280

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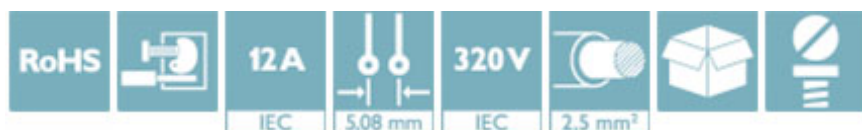
Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection method: Front screw connection, Color: green, Contact surface: Tin



The figure shows a 10-position version of the product

### Why buy this product

- ✓ Well-known connection principle allows worldwide use
- ✓ Optimized for tight installation situations: operation and conductor connection from one direction
- ✓ Low temperature rise, thanks to maximum contact force
- ✓ Allows connection of two conductors



### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 100 STK                                                                                                 |
| GTIN                                 | <br>4 017918 039431 |
| GTIN                                 | 4017918039431                                                                                           |
| Weight per Piece (excluding packing) | 5.920 g                                                                                                 |
| Custom tariff number                 | 85366990                                                                                                |
| Country of origin                    | Germany                                                                                                 |

### Technical data

#### Dimensions

|             |          |
|-------------|----------|
| Length      | 27.2 mm  |
| Height      | 15 mm    |
| Width       | 10.16 mm |
| Pitch       | 5.08 mm  |
| Dimension a | 5.08 mm  |

#### General

|                   |                       |
|-------------------|-----------------------|
| Range of articles | FRONT-MSTB 2,5/...-ST |
| Type of contact   | Female connector      |

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## Technical data

### General

|                                        |                        |
|----------------------------------------|------------------------|
| Number of positions                    | 2                      |
| Connection method                      | Front screw connection |
| 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                   |
| Nominal cross section                  | 2.5 mm <sup>2</sup>    |
| Maximum load current                   | 12 A                   |
| Insulating material                    | PA                     |
| Flammability rating according to UL 94 | V0                     |
| Internal cylindrical gage              | A3                     |
| Stripping length                       | 10 mm                  |
| Screw thread                           | M2,5                   |
| Tightening torque, min                 | 0.5 Nm                 |
| Tightening torque max                  | 0.6 Nm                 |

### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                                      | 0.34 mm <sup>2</sup> |
| Conductor cross section solid max.                                                      | 2.5 mm <sup>2</sup>  |
| Conductor cross section flexible min.                                                   | 0.2 mm <sup>2</sup>  |
| Conductor cross section flexible max.                                                   | 2.5 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule without plastic sleeve min.              | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule without plastic sleeve max.              | 2.5 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve max.                 | 2.5 mm <sup>2</sup>  |
| Conductor cross section AWG min.                                                        | 24                   |
| Conductor cross section AWG max.                                                        | 12                   |
| 2 conductors with same cross section, solid min.                                        | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid max.                                        | 1 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded min.                                     | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded max.                                     | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.25 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 1 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>  |

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## Technical data

### Connection data

|                                                                                         |                     |
|-----------------------------------------------------------------------------------------|---------------------|
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1.5 mm <sup>2</sup> |
| Minimum AWG according to UL/CUL                                                         | 30                  |
| Maximum AWG according to UL/CUL                                                         | 12                  |

### Standards and Regulations

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

### Environmental Product Compliance

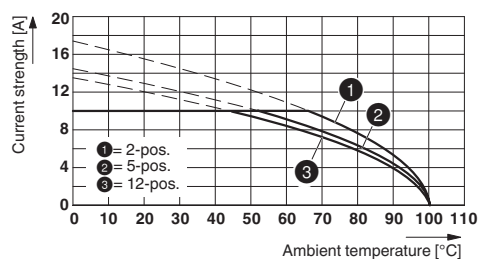
|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Drawings

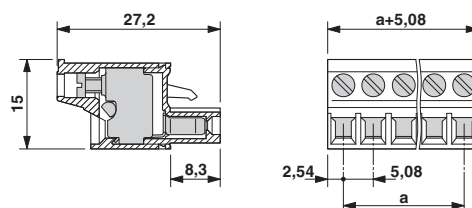
### Diagram

Type:  
FRONT-  
MSTB  
2,5/...-  
ST-5,08  
with  
CCVA  
2,5/...-  
G-5,08  
P26THR  
Type: FRONT-MSTB 2,5/...-ST-5,08 with MDSTBV 2,5/...-G-5,08

### Diagram



### Dimensional drawing



## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |

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## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260704 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27440309 |
| eCl@ss 9.0 | 27440309 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002638 |
| ETIM 5.0 | EC002638 |
| ETIM 6.0 | EC002638 |

### 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 / IECCE CB Scheme / cULus Recognized / EAC

#### Ex Approvals

### Approval details

|                                |                                                                                     |                                                                                                                                                                                           |       |
|--------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| CSA                            |  | <a href="http://www.csagroup.org/services/testing-and-certification/certified-product-listing/">http://www.csagroup.org/services/testing-and-certification/certified-product-listing/</a> | 13631 |
|                                | B                                                                                   | D                                                                                                                                                                                         |       |
| mm²/AWG/kcmil                  | 22-12                                                                               | 22-12                                                                                                                                                                                     |       |
| Nominal current I <sub>N</sub> | 15 A                                                                                | 10 A                                                                                                                                                                                      |       |
| Nominal voltage U <sub>N</sub> | 300 V                                                                               | 300 V                                                                                                                                                                                     |       |

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## Approvals

|                                            |                                                                                   |                                                                                                                                                                                                              |          |
|--------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| VDE Gutachten mit<br>Fertigungsüberwachung |  | <a href="http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx">http://www.vde.com/en/Institute/OnlineService/<br/>VDE-approved-products/Pages/Online-Search.aspx</a> | 40004701 |
|                                            |                                                                                   |                                                                                                                                                                                                              |          |
| mm²/AWG/kcmil                              |                                                                                   | 0.34-2.5                                                                                                                                                                                                     |          |
| Nominal current I <sub>N</sub>             |                                                                                   | 12 A                                                                                                                                                                                                         |          |
| Nominal voltage U <sub>N</sub>             |                                                                                   | 250 V                                                                                                                                                                                                        |          |

|                                |                                                                                   |                                                           |                |
|--------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
| IECEE CB Scheme                |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-56062-B1B2 |
|                                |                                                                                   |                                                           |                |
| mm²/AWG/kcmil                  |                                                                                   | 0.34-2.5                                                  |                |
| Nominal current I <sub>N</sub> |                                                                                   | 12 A                                                      |                |
| Nominal voltage U <sub>N</sub> |                                                                                   | 250 V                                                     |                |

|                                |                                                                                     |                                                                                                                                                         |                 |
|--------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| cULus Recognized               |  | <a href="http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm</a> | E60425-19931011 |
|                                |                                                                                     |                                                                                                                                                         |                 |
|                                | B                                                                                   | D                                                                                                                                                       |                 |
| mm²/AWG/kcmil                  | 30-12                                                                               | 30-12                                                                                                                                                   |                 |
| Nominal current I <sub>N</sub> | 15 A                                                                                | 10 A                                                                                                                                                    |                 |
| Nominal voltage U <sub>N</sub> | 300 V                                                                               | 300 V                                                                                                                                                   |                 |

|     |                                                                                     |         |
|-----|-------------------------------------------------------------------------------------|---------|
| EAC |  | B.01742 |
|-----|-------------------------------------------------------------------------------------|---------|

## Accessories

Accessories

Coding element

Coding profile - CP-MSTB - 1734634

Coding profile, is inserted into the slot on the plug or inverted header, red insulating material



Insertion bridge

## Printed-circuit board connector - FRONT-MSTB 2,5/ 2-ST-5,08 - 1777280

### Accessories

Insertion bridge - EBL 2- 5 - 2303145



Insertion bridge, Pitch: 5 mm, Number of positions: 2, Color: gray

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### 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: 5.08 x 3.8 mm

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### Marker pen

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

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### Screwdriver tools

Screwdriver - SZS 0,6X3,5 - 1205053



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

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### Terminal marking

Marker card - SK U/2,8 WH:UNBEDRUCKT - 0803883



Marker card, Sheet, white, unlabeled, can be labeled with: Plotter, Office printing systems, Mounting type: Adhesive, Lettering field: 186 x 2.8 mm

## Printed-circuit board connector - FRONT-MSTB 2,5/ 2-ST-5,08 - 1777280

### Accessories

Accessories - FRONT-MSTB-EW - 1763058



Removal aid, for FRONT-MSTB, facilitates extraction of several plugs mounted behind each other

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### Additional products

Housing - MSTBW 2,5/ 2-G-5,08 - 1735882



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

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Base strip - MSTBVA 2,5/ 2-G-5,08 - 1755736



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

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Base strip - MSTBA 2,5/ 2-G-5,08 - 1757242



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

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Base strip - MSTBV 2,5/ 2-G-5,08 - 1758018



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

## Printed-circuit board connector - FRONT-MSTB 2,5/ 2-ST-5,08 - 1777280

### Accessories

#### Base strip - MSTB 2,5/ 2-G-5,08 - 1759017



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

#### Base strip - MDSTB 2,5/ 2-G-5,08 - 1762062



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering, Can be aligned! Mounting flange: Order no. 1736771, 1736768. In combination with MVSTB or FKCV plugs, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plugs is not possible!

#### Base strip - MDSTBV 2,5/ 2-G-5,08 - 1763074



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering, Can be aligned! Mounting flange: Order No. 1836477, 1836480. In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

#### Base strip - SMSTBA 2,5/ 2-G-5,08 - 1767371



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

#### Base strip - SMSTB 2,5/ 2-G-5,08 - 1769463



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



## Printed-circuit board connector - FRONT-MSTB 2,5/ 2-ST-5,08 - 1777280

### Accessories

#### Base strip - MSTBA 2,5/ 2-G-5,08-LA - 1770944



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

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#### Base strip - MDSTBW 2,5/ 2-G-5,08 - 1802430



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

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#### Base strip - MDSTBA 2,5/ 2-G-5,08 - 1842063



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

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#### Base strip - MDSTBVA 2,5/ 2-G-5,08 - 1845332



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

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#### Base strip - EMSTBVA 2,5/ 2-G-5,08 - 1859519



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Press-in technology

## Printed-circuit board connector - FRONT-MSTB 2,5/ 2-ST-5,08 - 1777280

### Accessories

#### Base strip - MDSTBA 2,5/ 2-GL-5,08 - 1877601



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

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#### Base strip - MDSTBA 2,5/ 2-GR-5,08 - 1877614



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

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#### Base strip - MDSTBVA 2,5/ 2-GL-5,08 - 1877627



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

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#### Housing - MDSTBVA 2,5/ 2-GR-5,08 - 1877630



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

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#### Base strip - EMSTBA 2,5/ 2-G-5,08 - 1880300



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Press-in technology

## Printed-circuit board connector - FRONT-MSTB 2,5/ 2-ST-5,08 - 1777280

### Accessories

Base strip - DFK-MSTBA 2,5/ 2-G-5,08 - 1898839



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Base strip - DFK-MSTBVA 2,5/ 2-G-5,08 - 1899139



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Printed-circuit board connector - MSTBA 2,5/ 2-G-5,08 THT - 1902741



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

Base strip - MSTBVA 2,5/ 2-G-5,08 THT - 1902819



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

Printed-circuit board connector - MSTBA 2,5/ 2-G-5,08 THT-R32 - 1937237



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

## Printed-circuit board connector - FRONT-MSTB 2,5/ 2-ST-5,08 - 1777280

### Accessories

#### Base strip - MSTBVA 2,5/ 2-G-5,08 THT-R56 - 1940415



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

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#### Printed-circuit board connector - CC 2,5/ 2-G-5,08 P26THR - 1954388



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

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#### Printed-circuit board connector - CC 2,5/ 2-G-5,08 P26THRR32 - 1954582



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

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#### Printed-circuit board connector - CCA 2,5/ 2-G-5,08 P26THR - 1954919



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

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#### Printed-circuit board connector - CCA 2,5/ 2-G-5,08 P26THRR32 - 1955031



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

## Printed-circuit board connector - FRONT-MSTB 2,5/ 2-ST-5,08 - 1777280

### Accessories

#### Printed-circuit board connector - CCV 2,5/ 2-G-5,08 P26THR - 1955387



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

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#### Printed-circuit board connector - CCV 2,5/ 2-G-5,08 P26THRR32 - 1955523



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

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#### Printed-circuit board connector - CCVA 2,5/ 2-G-5,08 P26THR - 1955853



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

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#### Printed-circuit board connector - CCVA 2,5/ 2-G-5,08 P26THRR32 - 1955963



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"