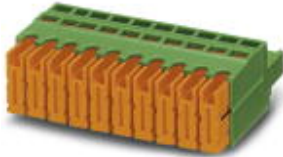


Printed-circuit board connector - QC 1/15-ST-5,08 - 1883831

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Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 15, Pitch: 5.08 mm, Connection method: Displacement connection, Color: green, Contact surface: Tin



The figure shows a 10-position version of the product

Product Features

- Reduced wiring time since conductor pretreatment is no longer necessary
- Connection according to EN 60352-4
- Bus plug version
- Integrated 1.2 mm Ø test connection
- For stranded conductors with PVC or PE insulation



Key Commercial Data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Minimum order quantity | 50 pc |
| Weight per Piece (excluding packing) | 25.77 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|-------------|----------|
| Pitch | 5.08 mm |
| Dimension a | 71.12 mm |

General

| | |
|-----------------------------|-------------|
| Range of articles | QC 1/...-ST |
| Insulating material group | I |
| Rated surge voltage (III/3) | 6 kV |

Printed-circuit board connector - QC 1/15-ST-5,08 - 1883831

Technical data

General

| | |
|--|---|
| Rated surge voltage (III/2) | 6 kV |
| Rated surge voltage (II/2) | 6 kV |
| Rated voltage (III/3) | 500 V |
| Rated voltage (III/2) | 630 V |
| Rated voltage (II/2) | 1000 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 10 A |
| Nominal cross section | 1 mm ² |
| Maximum load current | 10 A (with 1 mm ² conductor cross section) |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Number of positions | 15 |

Connection data

| | |
|---------------------------------------|---------------------|
| Conductor cross section flexible min. | 0.5 mm ² |
| Conductor cross section flexible max. | 1 mm ² |
| Conductor cross section AWG min. | 20 |
| Conductor cross section AWG max. | 18 |
| Minimum AWG according to UL/CUL | 22 |
| Maximum AWG according to UL/CUL | 18 |
| Wire diameter incl. insulation | 2.5 mm |

Standards and Regulations

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

Classifications

eCl@ss

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

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Classifications

ETIM

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

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211810 |
| UNSPSC 7.0901 | 39121409 |
| UNSPSC 11 | 39121409 |
| UNSPSC 12.01 | 39121409 |
| UNSPSC 13.2 | 39121409 |

Approvals

Approvals


Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IEC60947-5-1 / EAC / EAC / cULus Recognized

Ex Approvals


Approvals submitted


Approval details


| | | |
|---|-------|-------|
| UL Recognized  | | |
| | B | D |
| mm²/AWG/kcmil | 22-18 | 22-18 |
| Nominal current I _N | 10 A | 10 A |
| Nominal voltage U _N | 300 V | 300 V |

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Approvals


| | |
|---|--------|
| VDE Gutachten mit Fertigungsüberwachung  | |
| mm²/AWG/kcmil | 0.75-1 |
| Nominal current I _N | 10 A |
| Nominal voltage U _N | 250 V |

| | | |
|--|-------|-------|
| cUL Recognized  | | |
| | B | D |
| mm²/AWG/kcmil | 22-18 | 22-18 |
| Nominal current I _N | 10 A | 10 A |
| Nominal voltage U _N | 300 V | 300 V |

| | |
|---|--------|
| IECEE CB Scheme  | |
| mm²/AWG/kcmil | 0.75-1 |
| Nominal current I _N | 10 A |
| Nominal voltage U _N | 250 V |

| |
|-----|
| EAC |
|-----|

| |
|-----|
| EAC |
|-----|

| |
|--|
| cULus Recognized  |
|--|

Accessories

Accessories

Coding element

Printed-circuit board connector - QC 1/15-ST-5,08 - 1883831

Accessories

Coding profile - CP-MSTB - 1734634



Coding profile, is inserted into the slot on the plug or inverted header, red 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: 5.08 x 3.8 mm

Screwdriver tools

Screwdriver - SZF 0-0,4X2,5 - 1204504



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip

Additional products

Base strip - MSTBW 2,5/15-G-5,08 - 1735756



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 15, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Printed-circuit board connector - QC 1/15-ST-5,08 - 1883831

Accessories

Base strip - MSTBVA 2,5/15-G-5,08 - 1755862



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 15, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Base strip - MSTBA 2,5/15-G-5,08 - 1757378



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 15, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Base strip - MSTBV 2,5/15-G-5,08 - 1758144



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 15, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Base strip - MSTB 2,5/15-G-5,08 - 1759143



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 15, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Base strip - MDSTB 2,5/15-G1-5,08 - 1762499



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 15, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering, 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!

Printed-circuit board connector - QC 1/15-ST-5,08 - 1883831

Accessories

Base strip - MDSTBV 2,5/15-G1-5,08 - 1762635



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 15, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering, 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 2,5/15-G-5,08 - 1767504



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 15, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Base strip - MSTBA 2,5/15-G-5,08-LA - 1768079



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 15, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Base strip - SMSTB 2,5/15-G-5,08 - 1769599



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 15, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Base strip - MSTBV 2,5/15-GEH-5,08 - 1808599



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 15, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

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Accessories

Base strip - EMSTBVA 2,5/15-G-5,08 - 1859645



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 15, Pitch: 5.08 mm, Color: green,
Contact surface: Tin, Mounting: Press-in technology

Base strip - EMSTBA 2,5/15-G-5,08 - 1880436



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 15, Pitch: 5.08 mm, Color: green,
Contact surface: Tin, Mounting: Press-in technology

Base strip - DFK-MSTBA 2,5/15-G-5,08 - 1898965



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 15, Pitch: 5.08 mm, Color: green,
Contact surface: Tin, Mounting: Wave soldering

Base strip - DFK-MSTBVA 2,5/15-G-5,08 - 1899265

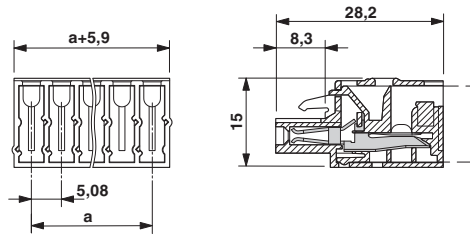


Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 15, Pitch: 5.08 mm, Color: green,
Contact surface: Tin, Mounting: Wave soldering

Drawings

Printed-circuit board connector - QC 1/15-ST-5,08 - 1883831

Dimensional drawing



Mouser Electronics

Authorized Distributor

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