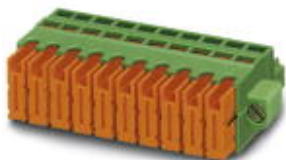


Printed-circuit board connector - QC 0,5/ 7-STF-3,81 - 1897597

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Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 7, Pitch: 3.81 mm, Connection method: Insulation displacement connection QUICKON, Color: green, Contact surface: Tin




The figure shows a 10-position version of the product

Why buy this product

- ✓ Reduced wiring time since conductor pretreatment is no longer necessary
- ✓ Stranded conductors from 0.34 to 0.5 mm² with PVC or PE insulation
- ✓ Connection according to EN 60352-4
- ✓ Integrated 1.2 mm Ø test connection



Key commercial data

| | |
|--------------------------------------|---|
| Packing unit | 50 pc |
| Minimum order quantity | 50 pc |
| GTIN |  4 017918 165093 |
| Weight per Piece (excluding packing) | 7.31 g |
| Custom tariff number | 85366990 |
| Country of origin | China |
| Note | Made to Order (non-returnable) |

Technical data

Dimensions

| | |
|-------------|----------|
| Pitch | 3.81 mm |
| Dimension a | 22.86 mm |

General

| | |
|-----------------------------|---------------|
| Range of articles | QC 0,5/...STF |
| 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 |

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Technical data

General

| | |
|---|--|
| Rated voltage (III/3) | 200 V |
| Rated voltage (III/2) | 200 V |
| Rated voltage (II/2) | 400 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 6 A |
| Nominal cross section | 0.5 mm ² |
| Maximum load current | 6 A (with 0.5 mm ² conductor cross section) |
| Insulating material | PA |
| Inflammability class according to UL 94 | V0 |
| Number of positions | 7 |

Connection data

| | |
|--|----------------------|
| Conductor cross section stranded min. | 0.34 mm ² |
| Conductor cross section stranded max. | 0.5 mm ² |
| Conductor cross section AWG/kcmil min. | 22 |
| Conductor cross section AWG/kcmil max | 20 |
| Minimum AWG according to UL/CUL | 24 |
| Maximum AWG according to UL/CUL | 20 |
| Wire diameter incl. insulation | 2.2 mm |

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 |

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 |

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Approvals

Approvals


Approvals


UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCEB Scheme / CCA / EAC / cULus Recognized


Ex Approvals

Approvals submitted

Approval details

| | | |
|--|-------|-------|
| UL Recognized  | | |
| | B | C |
| mm ² /AWG/kcmil | 24-20 | 24-20 |
| Nominal current I _N | 6 A | 6 A |
| Nominal voltage U _N | 300 V | 300 V |

| | |
|---|----------|
| VDE Gutachten mit Fertigungsüberwachung  | |
| mm ² /AWG/kcmil | 0.34-0.5 |
| Nominal current I _N | 5 A |
| Nominal voltage U _N | 320 V |

| | | |
|--|-------|-------|
| cUL Recognized  | | |
| | B | C |
| mm ² /AWG/kcmil | 24-20 | 24-20 |
| Nominal current I _N | 6 A | 6 A |
| Nominal voltage U _N | 300 V | 300 V |

Printed-circuit board connector - QC 0,5/ 7-STF-3,81 - 1897597

Approvals

| | |
|--------------------------------|----------|
| IECEE CB Scheme | |
| mm ² /AWG/kcmil | 0.34-0.5 |
| Nominal current I _N | 5 A |
| Nominal voltage U _N | 320 V |

| | |
|--------------------------------|----------|
| CCA | |
| mm ² /AWG/kcmil | 0.34-0.5 |
| Nominal current I _N | 5 A |
| Nominal voltage U _N | 320 V |

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

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

Accessories

Accessories

Labeled terminal marker

Marker card - SK 3,81/2,8:FORTL.ZAHLEN - 0804109



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: 3.81 mm, Lettering field: 3.81 x 2.8 mm

Screwdriver tools

Screwdriver - SZS 0,4X2,0 - 1205202



Micro screwdriver, bladed, size: 0.4 x 2.0 x 60 mm, 2-component grip, with non-slip grip and twist cap

Additional products

Printed-circuit board connector - QC 0,5/ 7-STF-3,81 - 1897597

Accessories

Base strip - DFK-MC 1,5/ 7-GF-3,81 - 1829390



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Connection method: Solder/Slip-on connection, Color: green, Contact surface: Tin, Mounting: Direct mounting

Base strip - MCDV 1,5/ 7-G1F-3,81 - 1842814



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

Base strip - MCDV 1,5/ 7-GF-3,81 - 1830305



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

Base strip - MCD 1,5/ 7-GF-3,81 - 1830156



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

Base strip - MCD 1,5/ 7-G1F-3,81 - 1842966



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

Printed-circuit board connector - QC 0,5/ 7-STF-3,81 - 1897597

Accessories

Printed-circuit board connector - IMC 1,5/ 7-STGF-3,81 - 1858086

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



Base strip - MCVU 1,5/ 7-GFD-3,81 - 1833072



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Mounting: Direct mounting

Base strip - MCVK 1,5/ 7-GF-3,81 - 1832921



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Mounting: DIN rail

Base strip - MCV 1,5/ 7-GF-3,81 - 1830648



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Soldering

Base strip - MC 1,5/ 7-GF-3,81 - 1827910



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Soldering

Printed-circuit board connector - QC 0,5/ 7-STF-3,81 - 1897597

Accessories

Base strip - MC 1,5/ 7-GF-3,81 THT - 1909087

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: black, Contact surface: Tin, Mounting: SMD/THT/THR, User information and design recommendations for through hole reflow technology can be found under "Downloads"



Base strip - SMC 1,5/ 7-GF-3,81 - 1827473

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Soldering



Base strip - EMCV 1,5/ 7-GF-3,81 - 1879337

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Press-in



Base strip - EMC 1,5/ 7-GF-3,81 - 1896996

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Press-in



Drawings

Dimensioned drawing

