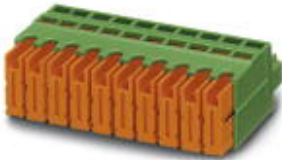


## Printed-circuit board connector - QC 0,5/14-ST-3,81 - 1897513

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Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 14, 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 mm<sup>2</sup> 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 165017
Weight per Piece (excluding packing)	12.26 g
Custom tariff number	85366990
Country of origin	China
Note	Made to Order (non-returnable)

### Technical data

#### Dimensions

Pitch	3.81 mm
Dimension a	49.53 mm

#### General

Range of articles	QC 0,5/...-ST
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 <sup>2</sup>
Maximum load current	6 A (with 0.5 mm <sup>2</sup> conductor cross section)
Insulating material	PA
Inflammability class according to UL 94	V0
Number of positions	14

### Connection data

Conductor cross section stranded min.	0.34 mm <sup>2</sup>
Conductor cross section stranded max.	0.5 mm <sup>2</sup>
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

# Printed-circuit board connector - QC 0,5/14-ST-3,81 - 1897513

## Approvals

### Approvals

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#### Approvals

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

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#### Ex Approvals

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#### Approvals submitted

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### Approval details

UL Recognized		
	B	C
mm <sup>2</sup> /AWG/kcmil	24-20	24-20
Nominal current I <sub>N</sub>	6 A	6 A
Nominal voltage U <sub>N</sub>	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung	
mm <sup>2</sup> /AWG/kcmil	0.34-0.5
Nominal current I <sub>N</sub>	5 A
Nominal voltage U <sub>N</sub>	320 V

cUL Recognized		
	B	C
mm <sup>2</sup> /AWG/kcmil	24-20	24-20
Nominal current I <sub>N</sub>	6 A	6 A
Nominal voltage U <sub>N</sub>	300 V	300 V

# Printed-circuit board connector - QC 0,5/14-ST-3,81 - 1897513

## Approvals

IECEE CB Scheme	
mm <sup>2</sup> /AWG/kcmil	0.34-0.5
Nominal current I <sub>N</sub>	5 A
Nominal voltage U <sub>N</sub>	320 V

CCA	
mm <sup>2</sup> /AWG/kcmil	0.34-0.5
Nominal current I <sub>N</sub>	5 A
Nominal voltage U <sub>N</sub>	320 V

EAC
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cULus Recognized
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## 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 0,5/14-ST-3,81 - 1897513

### Accessories

Base strip - MCDV 1,5/14-G-3,81 - 1830525



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, 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 1,5/14-G1-3,81 - 1847851



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, 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 1,5/14-G-3,81 - 1830075



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, 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 1,5/14-G1-3,81 - 1843198



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, 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 - IMC 1,5/14-ST-3,81 - 1858002



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

## Printed-circuit board connector - QC 0,5/14-ST-3,81 - 1897513

### Accessories

Base strip - MCVK 1,5/14-G-3,81 - 1832853



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Mounting: DIN rail

Base strip - MCVDU 1,5/14-G-3,81 - 1837557



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Soldering

Base strip - MCV 1,5/14-G-3,81 - 1803549



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Soldering

Base strip - MC 1,5/14-G-3,81 - 1803390



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Soldering

Base strip - SMC 1,5/14-G-3,81 - 1827392



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Soldering

## Printed-circuit board connector - QC 0,5/14-ST-3,81 - 1897513

### Accessories

Base strip - EMCV 1,5/14-G-3,81 - 1860760



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Press-in

Base strip - EMC 1,5/14-G-3,81 - 1897924



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Press-in

### Drawings

Dimensioned drawing

