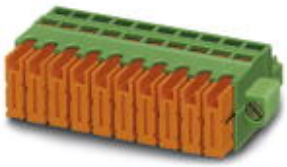
Printed-circuit board connector - QC 0,5/14-STF-3,81 - 1897665

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's documentation. Our General Terms of Use for Downloads are valid
(http://phoenixcontact.com/download)

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 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 165161
Weight per Piece (excluding packing)	12.86 g
Custom tariff number	85366990
Country of origin	Poland
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/..-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

Printed-circuit board connector - QC 0,5/14-STF-3,81 - 1897665

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 mm²
Maximum load current	6 A (with 0.5 mm² 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 mm²
Conductor cross section stranded max.	0.5 mm²
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-STF-3,81 - 1897665

Approvals

Approvals

Approvals

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

Ex Approvals

Approvals submitted

Approval details

UL Recognized

	B	C
mm²/AWG/kcmil	24-20	24-20
Nominal current IN	6 A	6 A
Nominal voltage UN	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung

mm²/AWG/kcmil	0.34-0.5
Nominal current IN	5 A
Nominal voltage UN	320 V

cUL Recognized

	B	C
mm²/AWG/kcmil	24-20	24-20
Nominal current IN	6 A	6 A
Nominal voltage UN	300 V	300 V

Printed-circuit board connector - QC 0,5/14-STF-3,81 - 1897665

Approvals

IECEE CB Scheme

mm²/AWG/kcmil	0.34-0.5
Nominal current IN	5 A
Nominal voltage UN	320 V

CCA

mm²/AWG/kcmil	0.34-0.5
Nominal current IN	5 A
Nominal voltage UN	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 0,5/14-STF-3,81 - 1897665

Accessories

Base strip - DFK-MC 1,5/14-GF-3,81 - 1829455

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

---

Base strip - MCDV 1,5/14-G1F-3,81 - 1842885

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-GF-3,81 - 1830376

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-G1F-3,81 - 1843046

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-GF-3,81 - 1830224

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 - QC 0,5/14-STF-3,81 - 1897665

Accessories

Printed-circuit board connector - IMC 1,5/14-STGF-3,81 - 1858154

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

---

Base strip - MCVU 1,5/14-GFD-3,81 - 1833140

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: Direct mounting

---

Base strip - MCVK 1,5/14-GF-3,81 - 1832992

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 - MCV 1,5/14-GF-3,81 - 1830716

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-GF-3,81 - 1827981

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-STF-3,81 - 1897665

Accessories

Base strip - SMC 1,5/14-GF-3,81 - 1827541

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 - EMCV 1,5/14-GF-3,81 - 1879405

Header, Nominal current: 8 A, Number of positions: 14, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Press-in

---

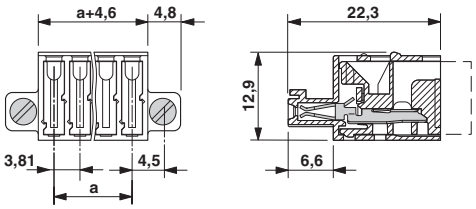
Base strip - EMC 1,5/14-GF-3,81 - 1897063

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



Phoenix Contact 2015 © - all rights reserved
http://www.phoenixcontact.com