

## Printed-circuit board connector - QC 0,5/ 2-ST-3,81 LC RD/BK - 1731235

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

### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	2.3 GRM
Custom tariff number	85366990
Country of origin	China

### Technical data

#### Dimensions

Pitch	3.81 mm
Dimension a	3.81 mm

#### General

Range of articles	QC 0,5/...-ST
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)	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>
Number of positions	2

#### 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

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## 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	27440402

### 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

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#### Approvals

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

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

# Printed-circuit board connector - QC 0,5/ 2-ST-3,81 LC RD/BK - 1731235


## Approvals

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

GOST 

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

GOST 

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### Approvals

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

