



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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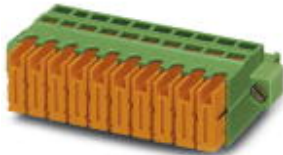
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## Printed-circuit board connector - QC 1/16-STF-5,08 - 1883899

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Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 16, Pitch: 5.08 mm, Connection method: Insulation displacement connection QUICKON, 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
- ✓ Integrated 1.2 mm Ø test connection
- ✓ For stranded conductors with PVC or PE insulation
- ✓ Bus plug version



### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	27.8 GRM
Custom tariff number	85366990
Country of origin	Poland

### Technical data

#### Dimensions

Pitch	5.08 mm
Dimension a	76.2 mm

#### General

Range of articles	QC 1/...-STF
Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV

# Printed-circuit board connector - QC 1/16-STF-5,08 - 1883899

## Technical data

### General

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 <sup>2</sup>
Maximum load current	10 A (with 1 mm <sup>2</sup> conductor cross section)
Insulating material	PA
Inflammability class according to UL 94	V0
Number of positions	16

### Connection data

Conductor cross section stranded min.	0.5 mm <sup>2</sup>
Conductor cross section stranded max.	1 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	18
Minimum AWG according to UL/CUL	22
Maximum AWG according to UL/CUL	18
Wire diameter incl. insulation	2.5 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
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### Classifications

#### UNSPSC

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 / GOST / IECCEB Scheme / GOST / CCA / cULus Recognized

#### Ex Approvals

#### Approvals submitted


#### Approval details

UL Recognized 		
	B	D
mm²/AWG/kcmil	22-18	22-18
Nominal current I <sub>N</sub>	10 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V


VDE Gutachten mit Fertigungsüberwachung 	
mm²/AWG/kcmil	0.75-1
Nominal current I <sub>N</sub>	10 A
Nominal voltage U <sub>N</sub>	250 V


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### Approvals

cUL Recognized 		
	B	D
mm²/AWG/kcmil	22-18	22-18
Nominal current I <sub>N</sub>	10 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V

GOST 
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IECEE CB Scheme 	
mm²/AWG/kcmil	0.75-1
Nominal current I <sub>N</sub>	10 A
Nominal voltage U <sub>N</sub>	250 V

GOST 
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CCA	
mm²/AWG/kcmil	0.75-1
Nominal current I <sub>N</sub>	10 A
Nominal voltage U <sub>N</sub>	250 V

cULus Recognized 	
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### Drawings



## Printed-circuit board connector - QC 1/16-STF-5,08 - 1883899

Dimensioned drawing

