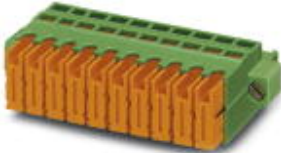


## Printed-circuit board connector - QC 1/ 5-STF-5,08 - 1883381

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: 10 A, Rated voltage (III/2): 630 V, Number of positions: 5, 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
- ✓ Bus plug version
- ✓ For stranded conductors with PVC or PE insulation
- ✓ Integrated 1.2 mm Ø test connection



### Key commercial data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Minimum order quantity               | 50 pc    |
| Weight per Piece (excluding packing) | 9.91 GRM |
| Custom tariff number                 | 85366990 |
| Country of origin                    | Poland   |

### Technical data

#### Dimensions

|             |          |
|-------------|----------|
| Pitch       | 5.08 mm  |
| Dimension a | 20.32 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         |

# Printed-circuit board connector - QC 1/ 5-STF-5,08 - 1883381

## Technical data

### General

|                                         |                                                       |
|-----------------------------------------|-------------------------------------------------------|
| Rated surge voltage (II/2)              | 6 kV                                                  |
| 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 <sub>N</sub>          | 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                     | 5                                                     |

### 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 |

## Printed-circuit board connector - QC 1/ 5-STF-5,08 - 1883381

### Classifications

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211810 |
| 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 / IEC EE CB 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  |

## Printed-circuit board connector - QC 1/ 5-STF-5,08 - 1883381

### 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  |
|----------------------------------------------------------------------------------------|

|                                                                                                   |        |
|---------------------------------------------------------------------------------------------------|--------|
| 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  |
|------------------------------------------------------------------------------------------|

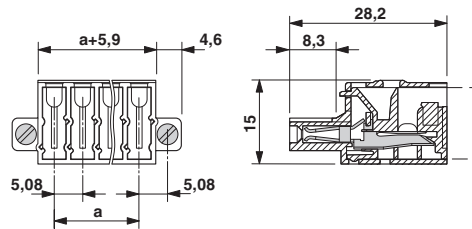
|                                |        |
|--------------------------------|--------|
| CCA                            |        |
|                                |        |
| mm²/AWG/kcmil                  | 0.75-1 |
| Nominal current I <sub>N</sub> | 10 A   |
| Nominal voltage U <sub>N</sub> | 250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

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

### Drawings

## Printed-circuit board connector - QC 1/ 5-STF-5,08 - 1883381

Dimensioned drawing



Diagram

Plug: QC 1/5-ST(F)-5,08  
Header: MSTB(A) 2,5/5-G(F)-5,08

