

## Printed-circuit board connector - QC 0,5/ 3-ST-3,81 BK - 1925346

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Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 3, Pitch: 3.81 mm, Connection method: Insulation displacement connection QUICKON, Color: black, Contact surface: Tin

### Key commercial data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Weight per Piece (excluding packing) | 2.92 GRM |
| Custom tariff number                 | 85366990 |
| Country of origin                    | Poland   |

### Technical data

#### Dimensions

|             |         |
|-------------|---------|
| Pitch       | 3.81 mm |
| Dimension a | 7.62 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              | 3                   |

#### 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 | 27141190 |
| 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 |

### Approvals

#### Approvals

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##### Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCE CB Scheme / GOST / CCA / GOST / 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/ 3-ST-3,81 BK - 1925346

### Approvals

|                                                                                                 |       |       |
|-------------------------------------------------------------------------------------------------|-------|-------|
| UL Recognized  |       |       |
|                                                                                                 | B     | C     |
| mm²/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  |          |
|                                                                                                                           |          |
| mm²/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     |
| mm²/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 |

|                                                                                                     |          |
|-----------------------------------------------------------------------------------------------------|----------|
| IECEE CB Scheme  |          |
|                                                                                                     |          |
| mm²/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    |

