

# Printed-circuit board connector - PC 6/ 8-STF-10,16 BD:1-8Q - 1754380

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PCB connector, nominal current: 41 A, number of positions: 8, pitch: 10.16 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Silver




The figure shows a 5-pos. version of the product

## Your advantages

- ✓ Well-known connection principle allows worldwide use
- ✓ Low temperature rise, thanks to maximum contact force
- ✓ Allows connection of two conductors
- ✓ Integrated double steel spring provides additional safety in the event of temperature and power fluctuations
- ✓ Screwable flange for superior mechanical stability
- ✓ Integrated protective guide prevents incorrect insertion of the conductor underneath the tension sleeve



## Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 50 pc   |
| GTIN         | <br>4 046356 329330 |
| GTIN         | 4046356329330   |

## Technical data

### Dimensions

|              |          |
|--------------|----------|
| Length [ l ] | 39 mm    |
| Width [ w ]  | 99.04 mm |
| Height [ h ] | 27.55 mm |
| Pitch        | 10.16 mm |
| Dimension a  | 71.12 mm |

### General

|                     |                                      |
|---------------------|--------------------------------------|
| Range of articles   | PC 6/..-STF                          |
| Number of positions | 8                                    |
| Connection method   | Screw connection with tension sleeve |

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## Technical data

### General

|                                  |                   |
|----------------------------------|-------------------|
| Rated voltage (III/3)            | 1000 V            |
| Connection in acc. with standard | EN-VDE            |
| Nominal current I <sub>N</sub>   | 41 A              |
| Nominal cross section            | 6 mm <sup>2</sup> |

### Connection data

|   |                      |
|---|----------------------|
| Conductor cross section solid min.  | 0.75 mm <sup>2</sup> |
| Conductor cross section solid max.  | 10 mm <sup>2</sup>   |
| Conductor cross section flexible min.   | 0.75 mm <sup>2</sup> |
| Conductor cross section flexible max.   | 6 mm <sup>2</sup>    |
| Conductor cross section flexible, with ferrule without plastic sleeve min.              | 0.5 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule without plastic sleeve max.              | 6 mm <sup>2</sup>    |
| Conductor cross section flexible, with ferrule with plastic sleeve min.                 | 0.5 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule with plastic sleeve max.                 | 6 mm <sup>2</sup>    |
| Conductor cross section AWG min.  | 18                   |
| Conductor cross section AWG max.  | 8                    |
| 2 conductors with same cross section, solid min.  | 0.75 mm <sup>2</sup> |
| 2 conductors with same cross section, solid max.  | 4 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded min.                                     | 0.75 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded max.                                     | 6 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 2.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 4 mm <sup>2</sup>    |

### Standards and Regulations

|                                  |        |
|----------------------------------|--------|
| Connection in acc. with standard | EN-VDE |
|----------------------------------|--------|

### Environmental Product Compliance

|            |   |
|------------|---|
| REACH SVHC | Lead 7439-92-1  |
| China RoHS | Environmentally Friendly Use Period = 50  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Approvals

### Approvals

Approvals

EAC

## Printed-circuit board connector - PC 6/ 8-STF-10,16 BD:1-8Q - 1754380

### Approvals

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Ex Approvals

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### Approval details

|     |   |         |
|-----|---|---------|
| EAC |  | B.01742 |
|-----|---|---------|

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