

## Printed-circuit board connector - IPC 16/ 2-ST-10,16 YE - 1745166

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PCB connector, nominal current: 76 A, number of positions: 2, pitch: 10.16 mm, connection method: Screw connection with tension sleeve, color: yellow, 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
- Inverted connector with pin contacts for touch-proof device outputs or free-hanging cable/cable connections



### Key Commercial Data

Packing unit	50 pc
GTIN	 4 046356 307819
GTIN	4046356307819

### Technical data

#### Dimensions

Length [ l ]	44.1 mm
Width [ w ]	23.36 mm
Height [ h ]	27.8 mm
Pitch	10.16 mm
Dimension a	10.16 mm

#### General

Range of articles	IPC 16/..-ST
Number of positions	2
Connection method	Screw connection with tension sleeve
Rated voltage (III/3)	1000 V
Connection in acc. with standard	EN-VDE

# Printed-circuit board connector - IPC 16/ 2-ST-10,16 YE - 1745166

## Technical data

### General

Nominal current $I_N$	76 A
Nominal cross section	16 mm <sup>2</sup>

### Connection data

Conductor cross section solid min.	0.75 mm <sup>2</sup>
Conductor cross section solid max.	16 mm <sup>2</sup>
Conductor cross section flexible min.	0.75 mm <sup>2</sup>
Conductor cross section flexible max.	16 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.	16 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.	10 mm <sup>2</sup>
Conductor cross section AWG min.	18
Conductor cross section AWG max.	6
2 conductors with same cross section, solid min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, solid max.	6 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.	4 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.	6 mm <sup>2</sup>

### Standards and Regulations

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

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#### Approvals

#### EAC

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## Printed-circuit board connector - IPC 16/ 2-ST-10,16 YE - 1745166

### Approvals

#### Ex Approvals

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#### Approval details

EAC



B.01742

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