

# Printed-circuit board connector - PTS 1,5/ 6-PH-5,0 - 1805559

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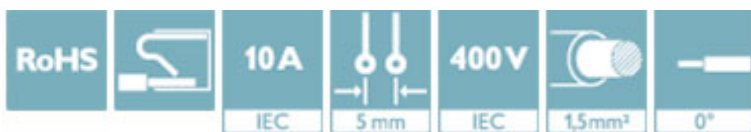
PCB connector, nominal current: 10 A, rated voltage (III/2): 400 V, number of positions: 6, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin



The figure shows a 10-position version of the product

## Why buy this product

- Time saving push-in connection, tools not required
- Defined contact force ensures that contact remains stable over the long term
- Intuitive use through colour coded actuation lever
- Quick and convenient testing using integrated test option
- Largest possible clamping space in a small component size



## Key Commercial Data

Packing unit	100 STK
GTIN	
GTIN	4046356679169

## Technical data

### Dimensions

Length [ l ]	12.8 mm
Width [ w ]	30 mm
Height [ h ]	11.7 mm
Pitch	5 mm
Dimension a	25 mm

### General

Range of articles	PTS 1,5/..-PH
Type of contact	Female connector
Number of positions	6
Connection method	Push-in spring connection

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## Technical data

### General

Insulating material group	I
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)	250 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	600 V
Nominal current $I_N$	10 A
Nominal cross section	1.5 mm <sup>2</sup>
Maximum load current	10 A
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	8 mm

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup> 1
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section AWG min.	26
Conductor cross section AWG max.	14

### Standards and Regulations

Flammability rating according to UL 94	V0
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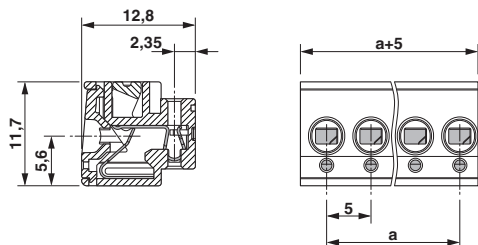
### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

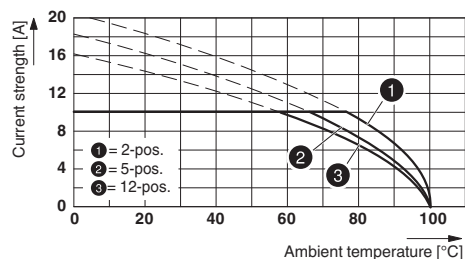
## Drawings

# Printed-circuit board connector - PTS 1,5/ 6-PH-5,0 - 1805559

Dimensional drawing



Diagram



Type: PTS 1,5/...-PH-5,0 with PST 1,3/...-5,0

## Approvals

### Approvals

#### Approvals

VDE Gutachten mit Fertigungsüberwachung / IECCE CB Scheme / EAC / cULus Recognized

#### Ex Approvals

### Approval details


VDE Gutachten mit Fertigungsüberwachung		<a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a>	40040542
Nominal voltage UN		320 V	
Nominal current IN		10 A	
mm <sup>2</sup> /AWG/kcmil		0.2-2.5	

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-60320
Nominal voltage UN		320 V	
Nominal current IN		10 A	
mm <sup>2</sup> /AWG/kcmil		0.2-2.5	

EAC			B.01742
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### Approvals

cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-20030211
	D	B	
Nominal voltage UN	300 V	300 V	
Nominal current IN	7 A	7 A	
mm <sup>2</sup> /AWG/kcmil	26-14	26-14	

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