

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

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>)

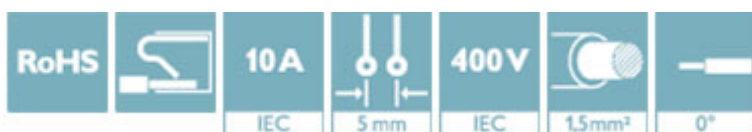
Plug component, nominal current: 10 A, rated voltage (III/2): 400 V, number of positions: 6, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin



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	 4 046356 679169
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

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

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

Standards and Regulations

Flammability rating according to UL 94	V0
--	----

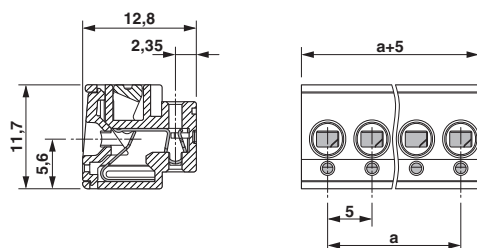
Environmental Product Compliance

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

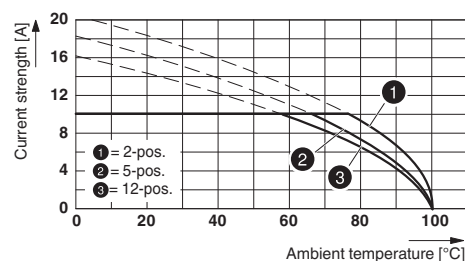
Drawings

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 / IECCEB Scheme / EAC / cULus Recognized

Ex Approvals

Approval details

VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/ VDE-approved-products/Pages/Online-Search.aspx	40040542
mm ² /AWG/kcmil	0.2-2.5		
Nominal current I _N	10 A		
Nominal voltage U _N	320 V		

IECEE CB Scheme		http://www.iecee.org/	DE1-58429
mm ² /AWG/kcmil	0.2-2.5		
Nominal current I _N	10 A		
Nominal voltage U _N	320 V		

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

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

Approvals

cULus Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E60425-20030211		
	B	D
mm²/AWG/kcmil	26-14	26-14
Nominal current I _N	7 A	7 A
Nominal voltage U _N	300 V	300 V

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>