

## Printed-circuit board connector - PTS 1,5/ 4-PH-5,0 - 1805533

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Plug component, Nominal current: 10 A, Rated voltage (III/2): 400 V, Number of positions: 4, Pitch: 5 mm, Connection method: Spring-cage conn., Color: green



### Key commercial data

Packing unit	250 pc
GTIN	 4 046356 679145
Weight per Piece (excluding packing)	2.22 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Pitch	5 mm
Dimension a	15 mm

#### General

Range of articles	PTS 1,5/..-PH
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	2.5 mm <sup>2</sup>
Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	8 mm

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## Technical data

### General

Number of positions	4
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### 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 stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup> 1
Conductor cross section stranded, with ferrule with plastic sleeve max.	1 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max.	14

## Classifications

### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637

### UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	34131203
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

## Approvals

### Approvals

# Printed-circuit board connector - PTS 1,5/ 4-PH-5,0 - 1805533

## Approvals

Approvals

GOST

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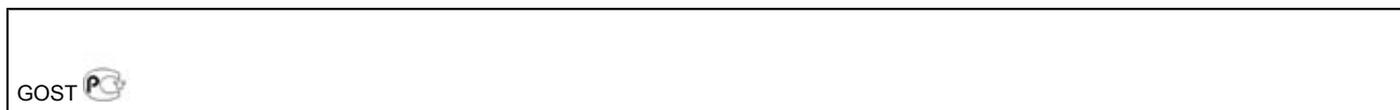
Ex Approvals

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Approvals submitted

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## Approval details



## Accessories

### Additional products

Pin strip - PST 1,3/ 4-5,0 - 1933202



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Color: black, Contact surface: Tin, Assembly: Soldering, Voltage and current depend on the plug-in terminal block used. The value of the weaker component is always valid. Over 16 pos. upon request. The pin strip is made of highly temperature resistant plastic and is thus suitable for the reflow process.

Pin strip - PST 1,3/ 4-5,0-SF - 1805643



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Soldering, Voltage and current depend on the plug-in terminal block used. The value of the weaker component is always valid. Over 16 pos. upon request. The pin strip is made of highly temperature resistant plastic and is thus suitable for the reflow process.

Pin strip - PST 1,3/ 4-5,0 R56 - 1720314

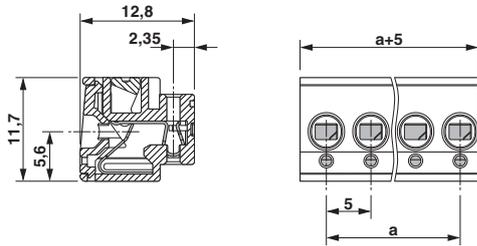


Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Color: black, Contact surface: Tin, Assembly: Taped SMD/THT/THR components, Voltage and current depend on the plug-in terminal block used.

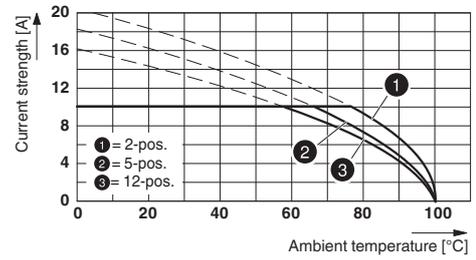
## Drawings

# Printed-circuit board connector - PTS 1,5/ 4-PH-5,0 - 1805533

Dimensioned drawing



Diagram



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