

Printed-circuit board connector - PTS 1,5/ 2-PH-5,0 - 1805517

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://download.phoenixcontact.com>)

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



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	1.36 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Pitch	5 mm
Dimension a	5 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 ²
Maximum load current	10 A
Insulating material	PA

Printed-circuit board connector - PTS 1,5/ 2-PH-5,0 - 1805517

Technical data

General

Inflammability class according to UL 94	V0
Stripping length	8 mm
Number of positions	2

Connection data

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

Printed-circuit board connector - PTS 1,5/ 2-PH-5,0 - 1805517

Approvals

Approvals

Approvals

GOST

Ex Approvals

Approvals submitted

Approval details

GOST 

Accessories

Additional products

Pin strip - PST 1,3/ 2-5,0 - 1933189



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, 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/ 2-5,0-SF - 1805627



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, 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.

Printed-circuit board connector - PTS 1,5/ 2-PH-5,0 - 1805517

Accessories

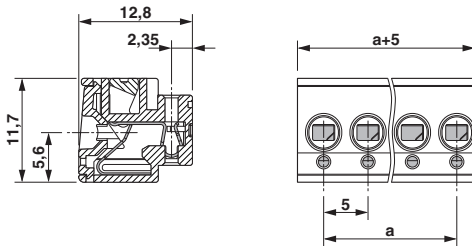
Pin strip - PST 1,3/ 2-5,0 R24 - 1720301



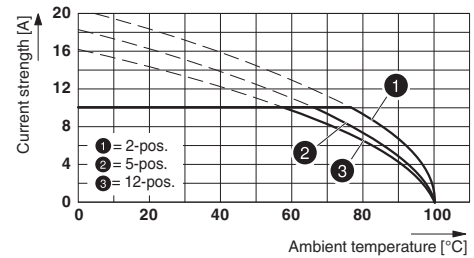
Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5 mm, Color: black, Contact surface: Tin, Assembly: Taped SMD/THT/THR components, Voltage and current depend on the plug-in terminal block used.

Drawings

Dimensioned drawing



Diagram



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