

## Pin strip - PST 1,0/12-3,5 - 1945193

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Header, Nominal current: 8 A, Rated voltage (III/2): 250 V, Number of positions: 12, Pitch: 3.5 mm, Color: Black, Contact surface: Tin, Assembly: Soldering, The maximum current depends on the plug used. The lower of the two current values apply for plug and pin strip. The pin strip is made of highly temperature resistant plastic and is thus suitable for the reflow process.

The figure shows a 10-position version of the product

### Product Features

- Pin strip with pad pushed on for suction pipette for optional tape-on-reel packing
- Various pin lengths and pin geometries available on request
- 3.5 mm pitch
- Pin strip available in machine-capable packaging (tube magazine or tape)
- Optimum pin geometry so as to not damage the plug
- Reflow solderable pin strip, optimized for COMBICON compact connectors

### Key commercial data

<b>package_quantity</b>	50
<b>GTIN</b>	4017918883362

### Technical data

#### Dimensions

<b>Length</b>	2.8 mm
<b>Pitch</b>	3.5 mm
<b>Dimension a</b>	38.5 mm
<b>Pin dimensions</b>	1 mm
<b>Hole diameter</b>	1.2 mm

#### General

<b>Range of articles</b>	PST 1,0/..-V
<b>Insulating material group</b>	IIIa
<b>Rated surge voltage (III/3)</b>	2.5 kV
<b>Rated surge voltage (III/2)</b>	2.5 kV
<b>Rated surge voltage (II/2)</b>	2.5 kV
<b>Rated voltage (III/3)</b>	160 V
<b>Rated voltage (III/2)</b>	250 V
<b>Rated voltage (II/2)</b>	250 V
<b>Connection in acc. with standard</b>	EN-VDE
<b>Nominal current I<sub>N</sub></b>	8 A (depends on the plug used)

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## Technical data

### General

Maximum load current	8 A (depends on the plug used)
Insulating material	PA
Inflammability class according to UL 94	V0
Color	Black
Number of positions	12

## classifications

### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
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

UL Recognized / SEV / cUL Recognized / GOST / CCA / GOST / cULus Recognized /

### Approval details

UL Recognized 	
<b>Usegroups</b>	<b>B</b>
Nominal voltage UN	300 V
Nominal current IN	10 A
mm <sup>2</sup> /AWG/kcmil	

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## approvals

SEV	
Nominal voltage UN	160 V
Nominal current IN	6 A
mm <sup>2</sup> /AWG/kcmil	

cUL Recognized	
Usegroups	B
Nominal voltage UN	300 V
Nominal current IN	10 A
mm <sup>2</sup> /AWG/kcmil	

GOST	
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CCA	
Nominal voltage UN	160 V
Nominal current IN	6 A
mm <sup>2</sup> /AWG/kcmil	

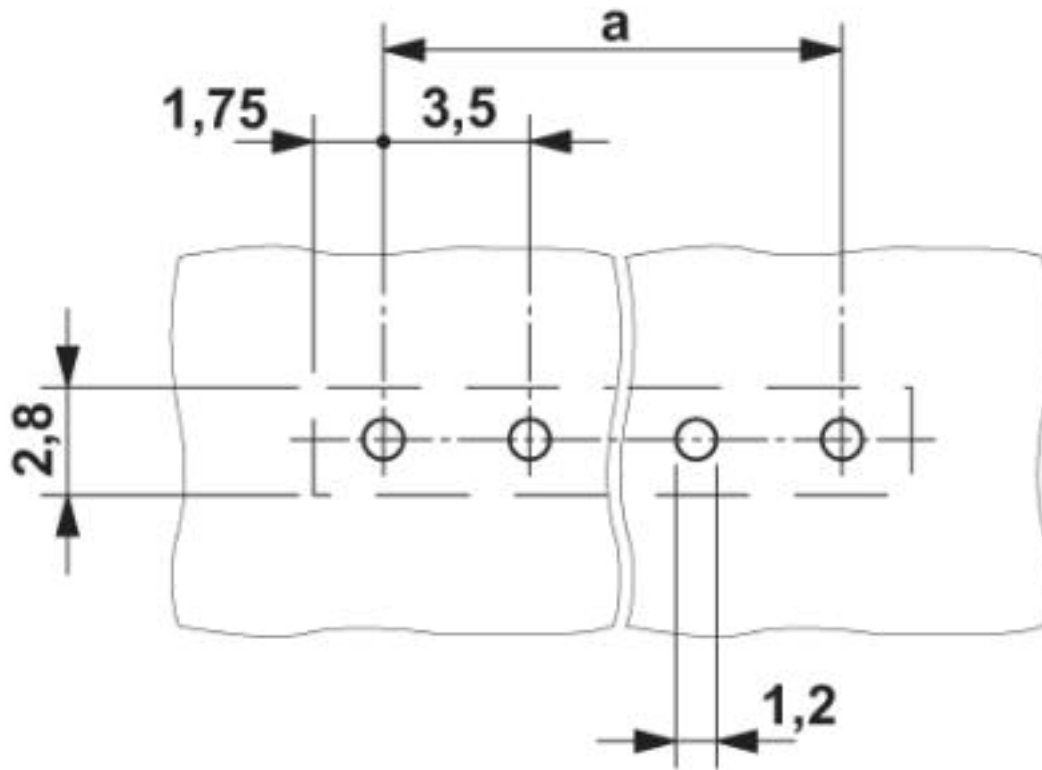
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cULus Recognized	
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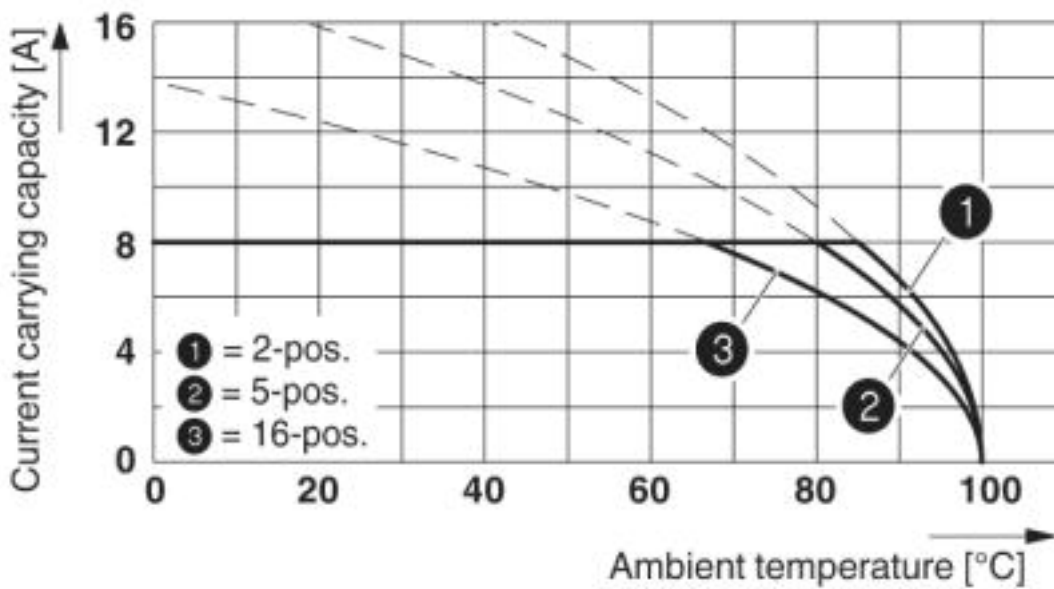
## Drawings

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Drilling diagram



Diagram

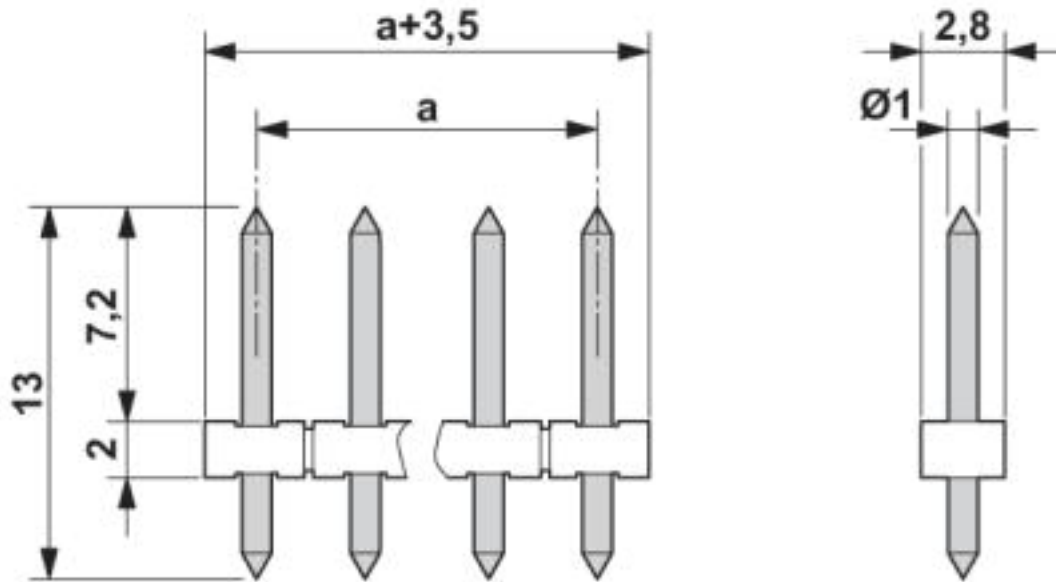


Derating curve for: PTDA 1,5/..-PH-3,5 with PST 1,0/..-3,5

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Diagram

Dimensioned drawing



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