

Pin strip - PST 1,0/ 5-3,5 - 1945122

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>)



Header, Nominal current: 8 A, Rated voltage (III/2): 250 V, Number of positions: 5, 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
- ✓ Optimum pin geometry so as to not damage the plug
- ✓ Pin strip available in machine-capable packaging (tube magazine or tape)
- ✓ Reflow solderable pin strip, optimized for COMBICON compact connectors

Key commercial data

package_quantity	50
GTIN	4017918883294

Technical data

Dimensions

Length	2.8 mm
Pitch	3.5 mm
Dimension a	14 mm
Pin dimensions	1 mm
Hole diameter	1.2 mm

General

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

Pin strip - PST 1,0/ 5-3,5 - 1945122

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	5

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 	
Usegroups	B
Nominal voltage UN	300 V
Nominal current IN	10 A
mm²/AWG/kcmil	

Pin strip - PST 1,0/ 5-3,5 - 1945122

approvals

SEV	
Nominal voltage UN	160 V
Nominal current IN	6 A
mm²/AWG/kcmil	

cUL Recognized 	
Usegroups	B
Nominal voltage UN	300 V
Nominal current IN	10 A
mm²/AWG/kcmil	

GOST 

CCA	
Nominal voltage UN	160 V
Nominal current IN	6 A
mm²/AWG/kcmil	

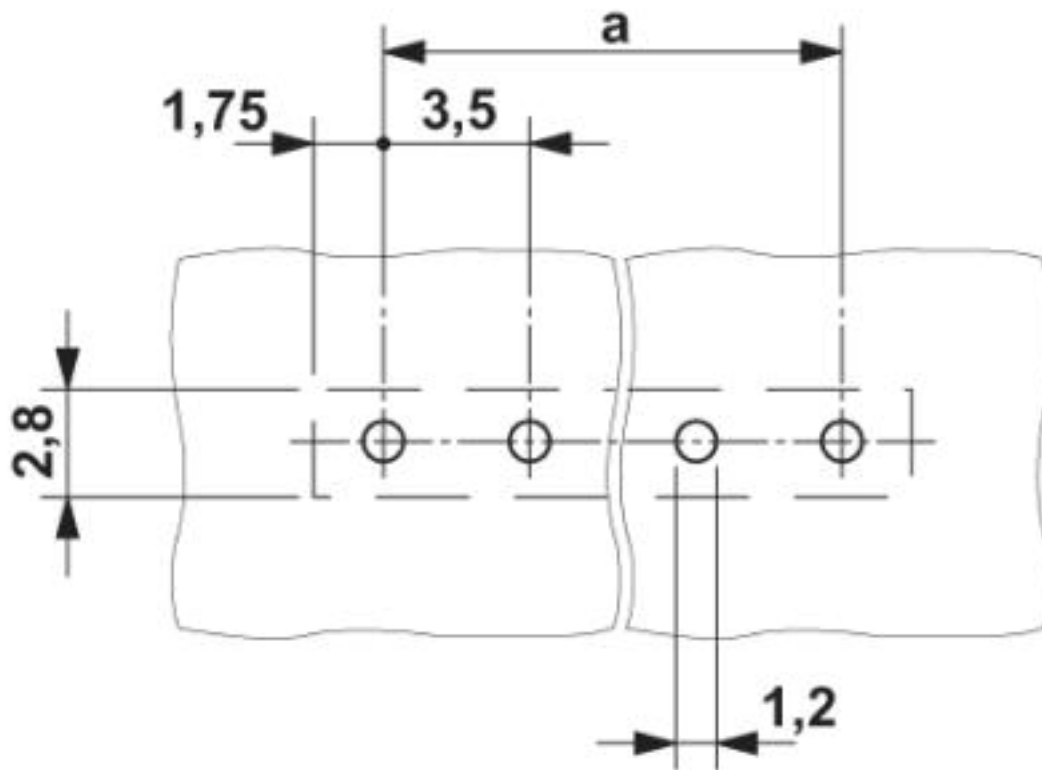


cULus Recognized 
--

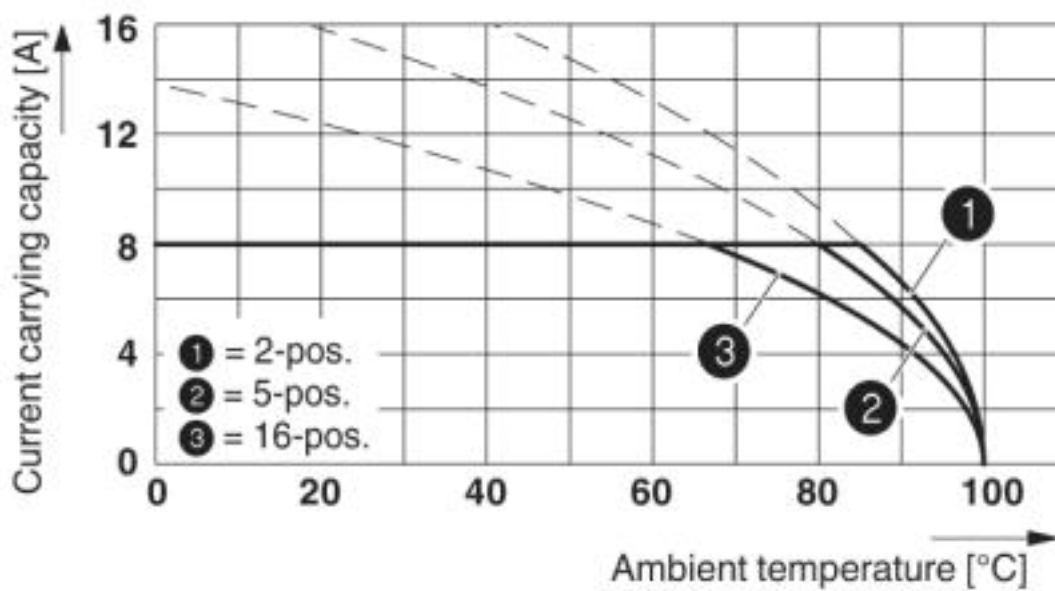
Drawings

Pin strip - PST 1,0/ 5-3,5 - 1945122

Drilling diagram



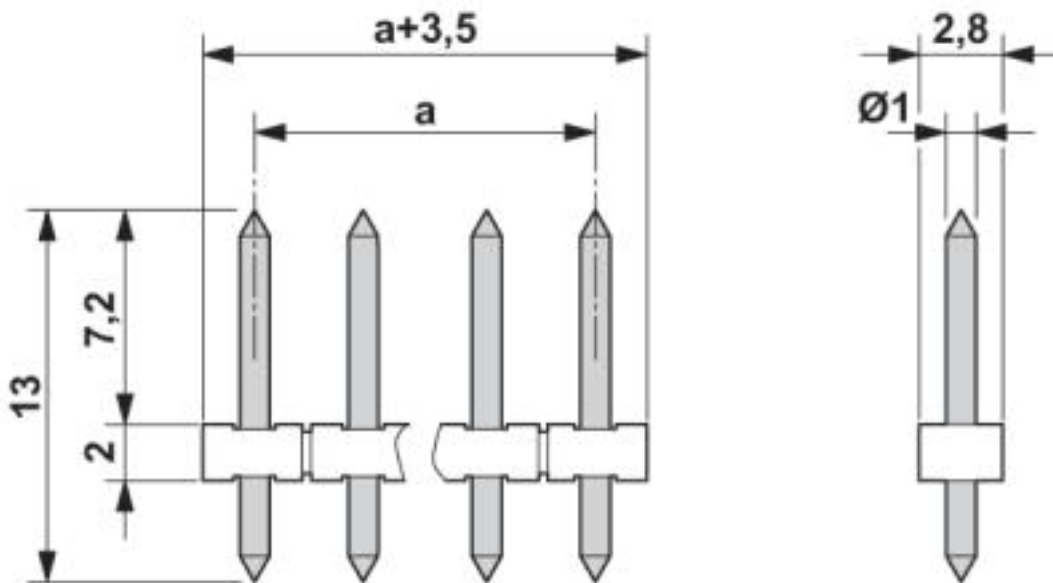
Diagram



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

Pin strip - PST 1,0/ 5-3,5 - 1945122

Dimensioned drawing



© Phoenix Contact 2013 - all rights reserved
<http://www.phoenixcontact.com>