

Pin strip - PST 1,0/20-3,5 - 1945274

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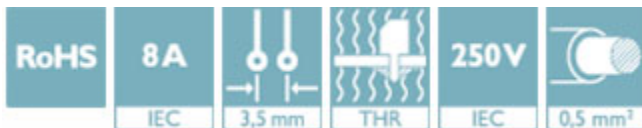


The figure shows a 10-position version of the product

Header, nominal current: 8 A, rated voltage (III/2): 250 V, number of positions: 20, pitch: 3.5 mm, Color: black, Contact surface: Tin, mounting: THR 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.

Why buy this product

- ✓ Suitable for wave and reflow soldering processes
- ✓ Optimum pin geometry for all COMBICON pin strip connectors



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	 4 017918 883447
GTIN	4017918883447
Weight per Piece (excluding packing)	2.230 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length	2.8 mm
Pitch	3.5 mm
Dimension a	66.50 mm
Width	70.00 mm
Constructional height	9.5 mm

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Technical data

Dimensions

Height	13 mm
Length of the solder pin	3.8 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)
Maximum load current	8 A (depends on the plug used)
Insulating material	PA
Flammability rating according to UL 94	V0
Color	black
Number of positions	20

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

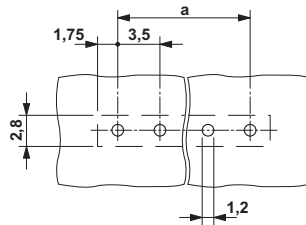
Environmental Product Compliance

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

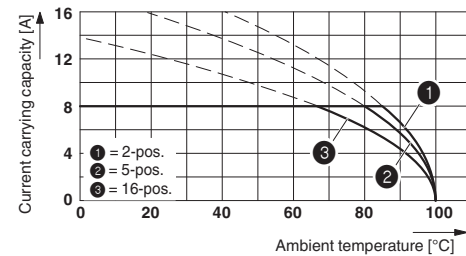
Drawings

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Drilling diagram

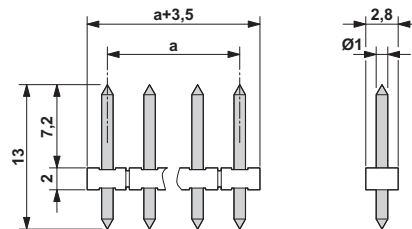


Diagram



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

Dimensional drawing



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
eCl@ss 9.0	27440402

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637
ETIM 6.0	EC002637

UNSPSC

UNSPSC 6.01	30211801
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Classifications

UNSPSC

UNSPSC 7.0901	39121432
UNSPSC 11	34131203
UNSPSC 12.01	39121432
UNSPSC 13.2	39121409

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / SEV / CCA / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
		B	
Nominal current IN		10 A	
Nominal voltage UN		300 V	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
		B	
Nominal current IN		10 A	
Nominal voltage UN		300 V	

SEV		https://www.electrosuisse.ch/en/meta/shop/product-certificates.html	IK-3558
Nominal current IN		6 A	
Nominal voltage UN		160 V	

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Approvals

CCA	IK-2681
Nominal current I _N	6 A
Nominal voltage U _N	160 V

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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Accessories

Additional products

PCB terminal block - FK-MPT 0,5/20-ST-3,5 - 1914124



Plug component, nominal current: 4 A, rated voltage (III/2): 250 V, number of positions: 20, pitch: 3.5 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin