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Pin strip, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 1.5 mm², number of positions: 8, pitch: 5 mm, color: black, contact surface: Tin, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 6.8 mm, 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

#### Your advantages

Suitable for wave and reflow soldering processes

Optimum pin geometry for all COMBICON pin strip connectors



## **Key Commercial Data**

Packing unit	100 pc
GTIN	4 046356 138673
GTIN	4046356138673

#### Technical data

#### **Dimensions**

Length [1]	12.5 mm
Width	40 mm
Pitch	5 mm
Dimension a	35 mm
Width [w]	40 mm
Height [ h ]	9.6 mm
Installed height	2.8 mm
Length of the solder pin	6.8 mm
Pin dimensions	ø 1.3 mm
Length	12.5 mm

#### General

Range of articles	PST 1,3/H



## Technical data

#### General

Insulating material group	Illa	
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)	320 V	
Rated voltage (II/2)	400 V	
Connection in acc. with standard	EN-VDE	
Nominal current I <sub>N</sub>	12 A (depends on the plug used)	
Maximum load current	12 A (depends on the plug used)	
Insulating material	PA	
Flammability rating according to UL 94	V0	
Color	black	
Number of positions	8	

### 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	

#### Classifications

### eCl@ss

eCl@ss 10.0.1	27440402
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
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



## Classifications

**ETIM** 

ETIM 7.0	EC002637	
UNSPSC		
UNSPSC 6.01	30211801	
UNSPSC 7.0901	39121432	
UNSPSC 11	34131203	
UNSPSC 12.01	39121432	
UNSPSC 13.2	39121409	
UNSPSC 18.0	39121409	
UNSPSC 19.0	39121409	
UNSPSC 20.0	39121409	
UNSPSC 21.0	39121409	

## Approvals

Approvals

Approvals

EAC / cULus Recognized

Ex Approvals

#### Approval details

EAC **ERI** B.01687

cULus Recognized c	http://database.ul.com/cgi-bin/XYV/template/L	ISEXT/1FRAME/index.htm
	В	D
Nominal voltage UN	300 V	300 V
Nominal current IN	16 A	10 A

#### Accessories

#### Additional products



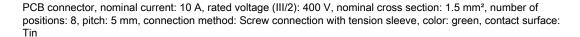
#### Accessories

Plug - PTDA 2,5/8-PH-5,0 - 1725636



PCB connector, nominal current: 14 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm², number of positions: 8, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

PCB terminal block - PT 1,5/8-PH-5,0 - 1755648



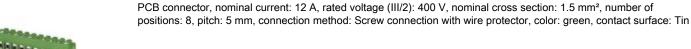


PCB terminal block - PT 1,5/8-PH-5,0 CLIP - 1755790

PCB connector, nominal current: 10 A, rated voltage (III/2): 400 V, nominal cross section: 1.5 mm², number of positions: 8, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



Plug - PT 1,5/8-PVH-5,0 - 1934926





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