

Printed-circuit board connector - PTF 0,3/ 4-WB-8-H PC4312L500 - 1710158

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Assembled PCB connectors

The illustration shows the standard version.

Your advantages

- ✓ Tool-free fast connection for flexible PCBs
- ✓ Small component size for applications where space is at a premium
- ✓ Reliable contacting of flexible PCBs, thanks to fixing pin
- ✓ Designed and tested according to IEC 60838-2-2



Key Commercial Data

Packing unit	20 pc
Minimum order quantity	20 pc
GTIN	 4 055626 136127
GTIN	4055626136127

Technical data

Item properties

Brief article description	Cable set
Plug-in system	COMBICON COMPACT PTF
Type of contact	Female connector
Range of articles	PTF 0,3/...-WB-H
Pitch	1.8 mm
Number of positions	4
Connection method	Crimp connection
Mounting type	Direct plug-in method
Number of levels	1

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Technical data

Item properties

Number of connections	4
Number of potentials	4

Electrical parameters

Nom. voltage	< 25 V
Rated voltage	25 V

Dimensions for the product

Length [l]	9.00 mm
Pitch	1.80 mm

Header 1

Insulating material	PBT
CTI according to IEC 60112	275

Packaging information

Pieces per package	20
Denomination packing units	Pcs.

Ambient conditions

Ambient temperature (storage/transport)	-40 °C ... 85 °C
Ambient temperature (operation)	-30 °C ... 100 °C (dependent on the derating curve)

Air clearances and creepage distances

Clearances and creepage distances	IEC 60838-1:2004-10 + AMD 1:2008-07 + AMD 2:2011-03
Specification	IEC 60838-1:2004-10 + AMD 1:2008-07 + AMD 2:2011-03

Temperature-rise test

Specification	IEC 60838-1:2004-10 + AMD 1:2008-07 + AMD 2:2011-03
Result	Test passed
Requirement temperature-rise test	Increase in temperature ≤ 45 K

Vibration test

Specification	IEC 60068-2-6:2007-12
Result	Test passed
Frequency	10 - 500 - 10 Hz
Sweep speed	1 octave/min
Amplitude	0.35 mm (10 - 60.1 Hz)
Acceleration	5 g (60.1 - 150 Hz)
Test duration per axis	2 h

Glow-wire test

Specification	IEC 60695-2-11:2000-10
Result	Test passed
Temperature	650 °C

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Technical data

Glow-wire test

Time of exposure	30 s
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Needle flame test

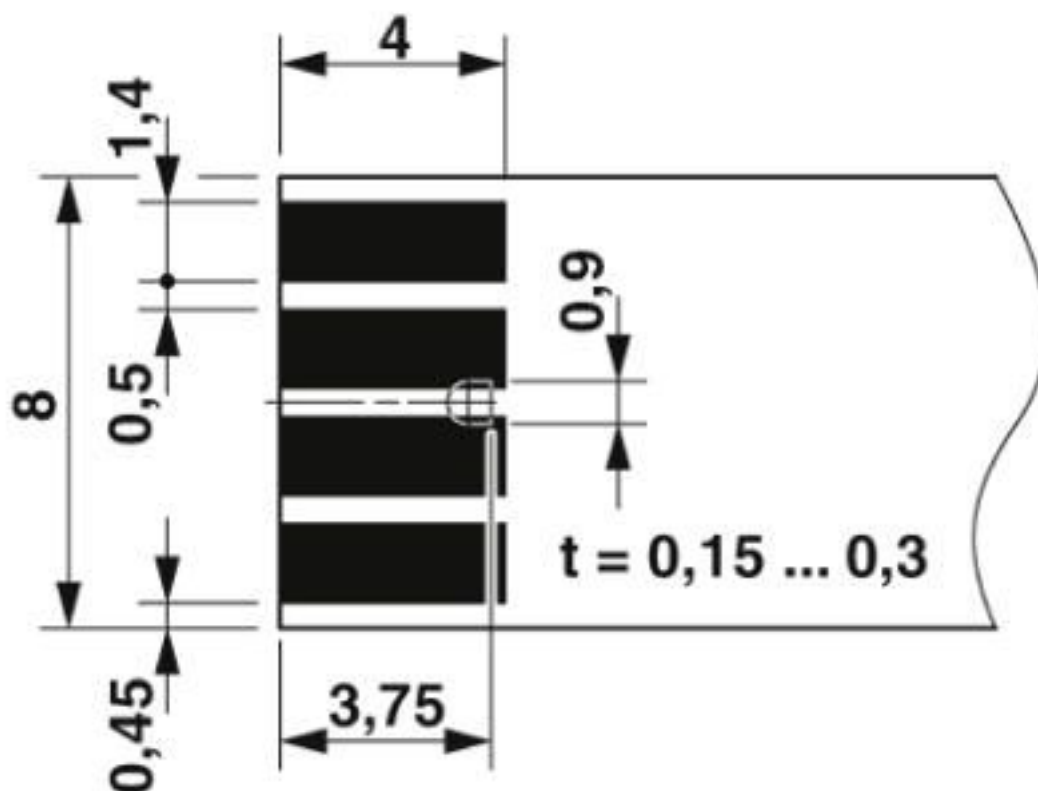
Specification	IEC 60695-11-5:2004-12
Result	Test passed
Time of exposure	10 s

Environmental Product Compliance

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

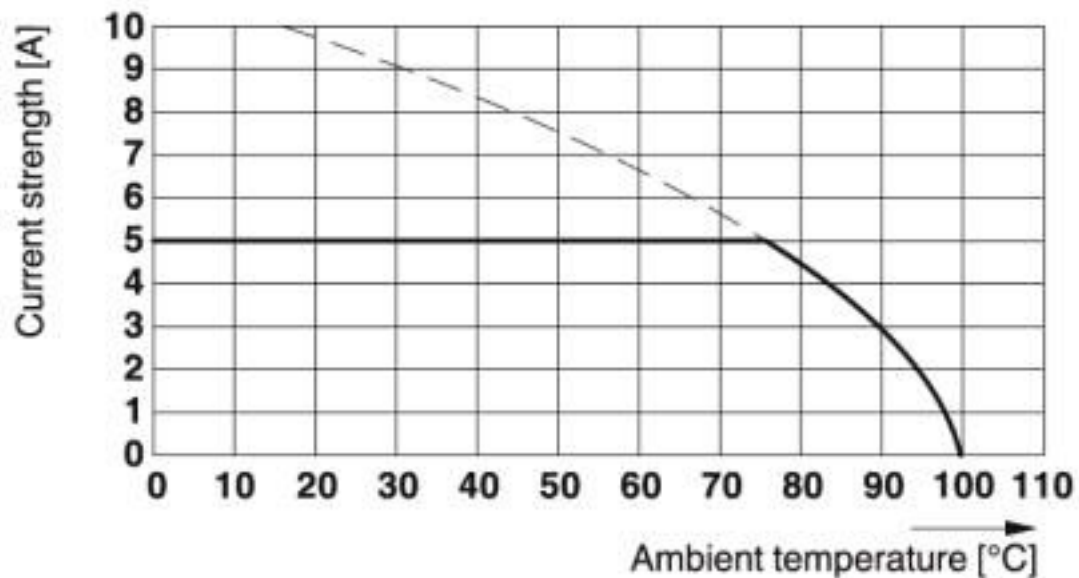
Drawings

Drilling diagram



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Diagram



Type: PTF 0,3/ 2-WB-8-H

Classifications

eCl@ss

eCl@ss 10.0.1	27440309
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	27440309
eCl@ss 8.0	27440309
eCl@ss 9.0	27440309

ETIM

ETIM 5.0	EC002638
ETIM 6.0	EC002638
ETIM 7.0	EC002638

UNSPSC

UNSPSC 13.2	39121409
UNSPSC 18.0	39121409
UNSPSC 19.0	39121409
UNSPSC 20.0	39121409

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Classifications

UNSPSC

UNSPSC 21.0	39121409
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Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		B.01687
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Accessories

Additional products

Printed-circuit board connector - PTSM 0,5/ 4-P-2,5 - 1778858



PCB connector, nominal current: 6 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm², number of positions: 4, pitch: 2.5 mm, connection method: Push-in spring connection, color: black, contact surface: Tin

Printed-circuit board connector - PTSM 0,5/ 4-P-2,5 WH - 1704857



PCB connector, nominal current: 6 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm², number of positions: 4, pitch: 2.5 mm, connection method: Push-in spring connection, color: white, contact surface: Tin

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Accessories

Printed-circuit board connector - PTSM 0,5/ 4-PI-2,5 BK - 1709437



PCB connector, nominal current: 6 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm², number of positions: 4, pitch: 2.5 mm, connection method: Push-in spring connection, color: black, contact surface: Tin

Printed-circuit board connector - PTSM 0,5/ 4-PI-2,5 WH - 1709452



PCB connector, nominal current: 6 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm², number of positions: 4, pitch: 2.5 mm, connection method: Push-in spring connection, color: white, contact surface: Tin

Printed-circuit board connector - PTSM 0,5/ 4-PL-2,5 WH - 1709460



PCB connector, nominal current: 6 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm², number of positions: 4, pitch: 2.5 mm, connection method: Push-in spring connection, color: white, contact surface: Tin

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