

Printed-circuit board connector - PTF 0,3/ 2-WB-8-H PC0140 L300 - 1715785

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Assembled PCB connectors

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 446912
GTIN	4055626446912

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	2
Mounting type	Direct plug-in method
Number of levels	1
Number of connections	2
Number of potentials	2

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Technical data

Electrical parameters

Nom. voltage	< 25 V
Rated voltage	25 V

Dimensions for the product

Caption	Schematische Abbildung - weitere Details siehe Produktfamilienzeichnung im Download Center
Length [l]	9.80 mm
Pitch	1.90 mm

Header 1

Insulating material	PBT
CTI according to IEC 60112	275

Packaging information

Type of packaging	packed in cardboard
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

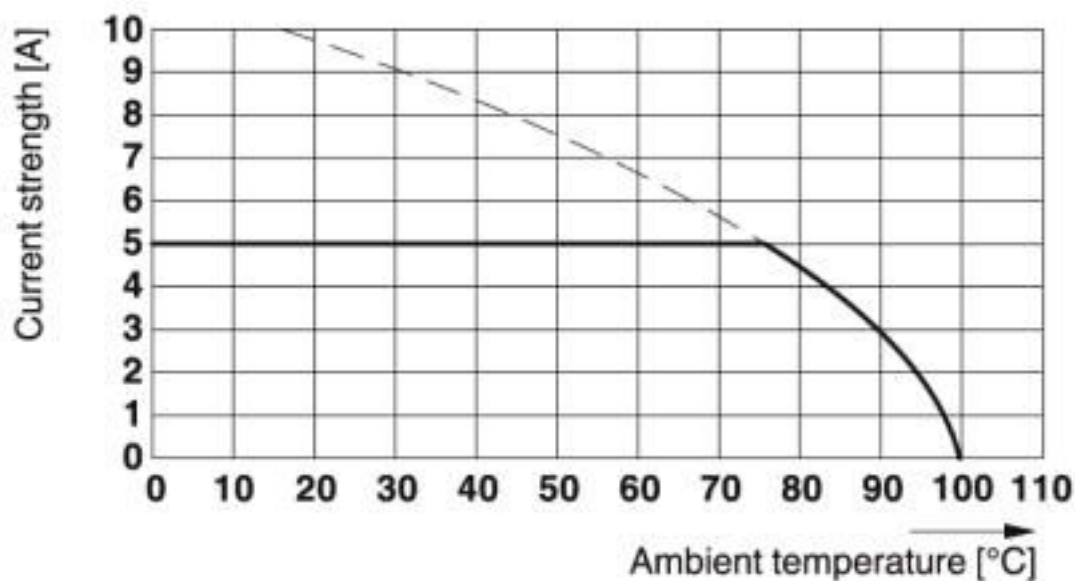
Specification	IEC 60695-11-5:2004-12
Result	Test passed
Time of exposure	10 s

Environmental Product Compliance

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

Drawings

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

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Classifications

eCl@ss

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

Approvals

Approvals

Approvals

UL Recognized / EAC

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E118976-20130430
Nominal voltage UN	60 V	
Nominal current IN	5 A	
mm²/AWG/kcmil	22	

EAC		B.01687
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Accessories

Additional products

Printed-circuit board connector - PTF 0,3/ 2-WB-8-H PC0140 L300 - 1715785

Accessories

Printed-circuit board connector - PTF 0,3/ 4-BB-8-H - 1707559



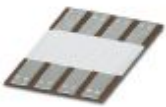
PCB connector, rated voltage (III/2): 25 V, nominal cross section: 0.34 mm², product range: PTF 0,3/...-BB-H, pitch: 1.9 mm, mounting: Direct plug-in method, color: white, type of packaging: packed in cardboard. For flexible PCBs with a width of 8 mm and a permissible PCB thickness in the contact zone of 0.15 mm ... 0.3 mm

Printed-circuit board connector - PTF 0,3/ 4-WB-8-H - 1707561



Assembled PCB connectors

PCB - PTF 0,3/ 4-FLEX-I-8 - 1848477



PCB direct plug, color: white, product range: PTF 0,3/...-Flex, pitch: 1.8 mm, type of packaging: packed in cardboard

PCB - PTF 0,3/ 4-FLEX-L-8 - 1848480



PCB direct plug, nominal cross section: 0.34 mm², color: white, number of connections: 4, product range: PTF 0,3/...-Flex, pitch: 1.8 mm, mounting: Direct plug-in method, Stecksystem: COMBICON COMPACT PTF, type of packaging: packed in cardboard

PCB - PTF 0,3/ 4-FLEX-T-8 - 1848493



PCB direct plug, color: white, product range: PTF 0,3/...-Flex, pitch: 1.8 mm, type of packaging: packed in cardboard

Printed-circuit board connector - PTF 0,3/ 2-WB-8-H PC0140 L300 - 1715785

Accessories

Printed-circuit board connector - PTSM 0,5/ 2-P-2,5 - 1778832



PCB connector, nominal cross section: 0.5 mm², color: black, nominal current: 6 A, rated voltage (III/2): 160 V, contact surface: Tin, type of contact: Female connector, number of connections: 2, product range: PTSM 0,5/...-P, pitch: 2.5 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, Stecksystem: COMBICON COMPACT PTSM, Locking: without, type of packaging: packed in cardboard

Printed-circuit board connector - PTSM 0,5/ 2-P-2,5 WH - 1704853



PCB connector, nominal cross section: 0.5 mm², color: white, nominal current: 6 A, rated voltage (III/2): 160 V, contact surface: Tin, type of contact: Female connector, number of connections: 2, product range: PTSM 0,5/...-P WH, pitch: 2.5 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, Stecksystem: COMBICON COMPACT PTSM, Locking: without, type of packaging: packed in cardboard

Printed-circuit board connector - PTSM 0,5/ 2-PI-2,5 BK - 1709435



PCB connector, nominal cross section: 0.5 mm², color: black, nominal current: 6 A, rated voltage (III/2): 160 V, contact surface: Tin, type of contact: Male connector, number of connections: 2, product range: PTSM 0,5/...-PI, pitch: 2.5 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, Stecksystem: COMBICON COMPACT PTSM, Locking: without, type of packaging: packed in cardboard

Printed-circuit board connector - PTSM 0,5/ 2-PI-2,5 WH - 1709450



PCB connector, nominal cross section: 0.5 mm², color: white, nominal current: 6 A, rated voltage (III/2): 160 V, contact surface: Tin, type of contact: Male connector, number of connections: 2, product range: PTSM 0,5/...-PI WH, pitch: 2.5 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, Stecksystem: COMBICON COMPACT PTSM, Locking: without, type of packaging: packed in cardboard

Printed-circuit board connector - PTSM 0,5/ 2-PL-2,5 WH - 1709457



PCB connector, nominal cross section: 0.5 mm², color: white, nominal current: 6 A, rated voltage (III/2): 160 V, contact surface: Tin, type of contact: Female connector, number of connections: 2, product range: PTSM 0,5/...-PL WH, pitch: 2.5 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, Stecksystem: COMBICON COMPACT PTSM, Locking: Snap-in locking, type of packaging: packed in cardboard

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