

PTF 0,3/ 2-WB-8-H - Cable set



1707558

<https://www.phoenixcontact.com/us/products/1707558>

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Assembled PCB connector, Cable 1: cable length: 0.5 m, Color: red, black, Cable type:PVC litz wire, PVC litz wire

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

Commercial data

Item number	1707558
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	AA08
Product key	AAHRBB
GTIN	4046356934251
Weight per piece (including packing)	13.417 g
Weight per piece (excluding packing)	10.25 g
Customs tariff number	85444290
Country of origin	PL

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Technical data

Product properties

Product line	COMBICON Connectors Special
Product type	Assembled PCB connector
Product family	PTF 0,3/..-WB-H
Number of positions	2
Pitch	1.80 mm
Number of connections	2
Number of rows	1
Number of potentials	2

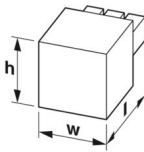
Electrical properties

Nominal voltage U_N	< 25 V
Degree of pollution	3
Rated voltage (III/3)	25 V
Rated voltage (III/2)	25 V

Mounting

Mounting type	Direct plug-in method
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Dimensions

Dimensional drawing	
Pitch	1.80 mm

Mechanical tests

Tensile strength of crimp connections

Result	Test passed
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Electrical tests

Temperature-rise test

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

Insulation resistance

Specification	IEC 60838-1:2004-10 + AMD 1:2008-07 + AMD 2:2011-03
Insulation resistance, neighboring positions	> 1 M Ω

Air clearances and creepage distances |

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Specification	IEC 60838-1:2004-10 + AMD 1:2008-07 + AMD 2:2011-03
Insulating material group	IIIa
Rated insulation voltage (III/3)	25 V
Rated insulation voltage (III/2)	25 V

Environmental and real-life conditions

Vibration test

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

Glow-wire test

Specification	IEC 60695-2-11:2000-10
Temperature	650 °C
Time of exposure	30 s

Ambient conditions

Ambient temperature (operation)	-30 °C ... 100 °C (dependent on the derating curve)
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Relative humidity (storage/transport)	30 % ... 70 %

Connector

Connection 1

Insulating material	PBT
CTI according to IEC 60112	275

Cable/line

Cable length	0.5 m
UL AWM Style	10002
Shielded	no
Conductor structure signal line	19x 0.16 mm
Conductor material	Tin-plated Cu litz wires
Single wire, color	red, black
Nominal voltage, cable	300 V

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Classifications

ECLASS

ECLASS-11.0	27460202
ECLASS-12.0	27460202
ECLASS-13.0	27460202

ETIM

ETIM 9.0	EC002638
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

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

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