FOPT 2,2-R - FO PCB terminal block

1907924

https://www.phoenixcontact.com/us/products/1907924

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PCB terminal block, nominal cross section: 0 mm^2, number of potentials: 1, number of rows: 1, number of positions per row: 1, product range: FOPT, pitch: 10.16 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: black, Pin layout: Linear pinning, Solder pin [P]: 6 mm, number of solder pins per potential: 4, type of packaging: packed in cardboard. Black, shielded housing with receive diode/fiber optics that can be connected: polymer fiber (according to IEC 60793-2 type A4a, diameter of outer sheath: 2.2 mm)/data rate: 5 Mbps/transmission distance: max. 50 m/detailed data sheet in download area

Your advantages

- Connection of fiber optics without fiber pretreatment
- Time saving push-in connection, tools not required
- Defined contact force ensures that contact remains stable over the long term
- Intuitive operation due to color-coded actuating push button

Commercial data

Item number	1907924
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AA13
Product key	AAMSAA
Catalog page	Page 436 (C-1-2013)
GTIN	4017918606572
Weight per piece (including packing)	3.68 g
Weight per piece (excluding packing)	3.6 g
Customs tariff number	85369010
Country of origin	PL

Technical data

Product properties

Type	FO printed circuit terminal block with receive diode
Product line	COMBICON Terminals M
Product type	Printed circuit board terminal
Product family	FOPT
Number of positions	1
Pitch	10.16 mm
Number of connections	1
Number of rows	1
Number of potentials	1
Pin layout	Linear pinning
Solder pins per potential	4

Electrical properties

Degree of pollution	3

Connection data

Conductor connection

Connection method	Push-in spring connection
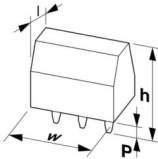
Mounting

Mounting type	Wave soldering
Pin layout	Linear pinning

Material specifications

Material data - contact

Note	WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material	Cu alloy

Material data - housing

Color (Housing)	black (9005)

Dimensions

Dimensional drawing	
Pitch	10.16 mm
Width [w]	10.97 mm

Height [h]	16.6 mm
Length [l]	29.2 mm
Installed height	10.6 mm
Solder pin length [P]	6 mm

PCB design	
Hole diameter	0.7 mm

Environmental and real-life conditions

Ambient conditions	
Ambient temperature (operation)	0 °C ... 70 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Relative humidity (storage/transport)	30 % ... 70 %

Packaging specifications

Type of packaging	packed in cardboard

Classifications

ECLASS

ECLASS-11.0	27460101
ECLASS-12.0	27460101
ECLASS-13.0	27460101

ETIM

ETIM 9.0	EC002643

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

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