

Feed-through header - PC 6-16/ 4-G-10,16 BK - 1708378

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

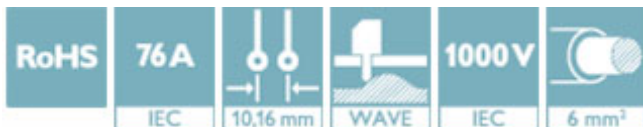


PCB headers, nominal current: 76 A, rated voltage (III/2): 1000 V, number of positions: 4, pitch: 10.16 mm, color: black, contact surface: Silver, mounting: Wave soldering

The figure shows an 8-position version

Your advantages

- ✓ Well-known mounting principle allows worldwide use
- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Easy PCB replacement thanks to plug-in modules



Key Commercial Data

Packing unit	50 pc
GTIN	 4 046356 072038
GTIN	4046356072038

Technical data

Dimensions

Length [l]	32 mm
Width	43.68 mm
Pitch	10.16 mm
Dimension a	30.48 mm
Width [w]	43.68 mm
Height [h]	18.7 mm
Height	13.7 mm
Length of the solder pin	5 mm
Pin dimensions	1 x 1.2 mm
Pin spacing	10.16 mm
Length	32 mm

General

Feed-through header - PC 6-16/ 4-G-10,16 BK - 1708378

Technical data

General

Range of articles	PC 6-16/...-G
Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	630 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	76 A (41 A in combination with PC 6 plug)
Maximum load current	76 A
Color	black
Number of positions	4

General information

Note	In accordance with IEC 61984, COMBICON connectors have no switching power (COC). During designated use, they must not be plugged in or disconnected when carrying voltage or under load.
------	--

Standards and Regulations

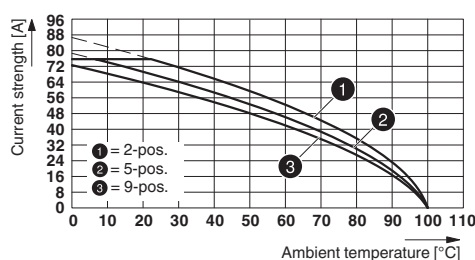
Connection in acc. with standard	EN-VDE
	CUL

Environmental Product Compliance

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

Drawings

Diagram



Type: PC 16/...-ST-10,16 with PC 6-16/...-G-10,16

Approvals

Approvals

Feed-through header - PC 6-16/ 4-G-10,16 BK - 1708378

Approvals

Approvals

IECEE CB Scheme / SEV / EAC / cULus Recognized

Ex Approvals

Approval details

IECEE CB Scheme		http://www.iecee.org/	CH-8077
Nominal voltage UN	1000 V		
Nominal current IN	76 A		

SEV		https://www.electrosuisse.ch/de/meta/shop/produktezertifikate.html	IK-3431
Nominal voltage UN	1000 V		
Nominal current IN	76 A		

EAC		B.01742	
-----	---	---------	--

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20040202
Nominal voltage UN	600 V	300 V	300 V
Nominal current IN	5 A	66 A	66 A

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[1708378](#)