



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Header - PCV 6-16/ 4-G1F-10,16 - 1998881

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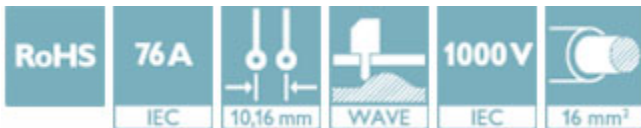


Header, nominal current: 76 A, rated voltage (III/2): 1000 V, number of positions: 4, pitch: 10.16 mm, color: green, contact surface: Silver, mounting: Wave soldering

The figure shows a 5-pos. version of the product

Why buy this product

- Well-known mounting principle allows worldwide use
- Screwable flange for superior mechanical stability
- Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	
GTIN	4046356038386
Weight per Piece (excluding packing)	22.920 g
Custom tariff number	85366930
Country of origin	Poland

Technical data

Dimensions

Length [l]	13.4 mm
Pitch	10.16 mm
Dimension a	30.48 mm
Width [w]	43.68 mm

Header - PCV 6-16/ 4-G1F-10,16 - 1998881

Technical data

Dimensions

Constructional height	34 mm
Height [h]	38 mm
Length of the solder pin	4 mm
Pin dimensions	1 x 1.2 mm
Pin spacing	10.16 mm
Hole diameter	1.7 mm

General

Range of articles	PCV 6-16/...-G1F
Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	8 kV
Rated voltage (III/3)	1000 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 (41 A in combination with PC 6 plug)
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	4

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

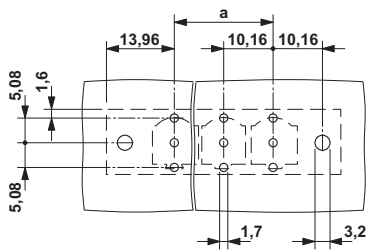
Environmental Product Compliance

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

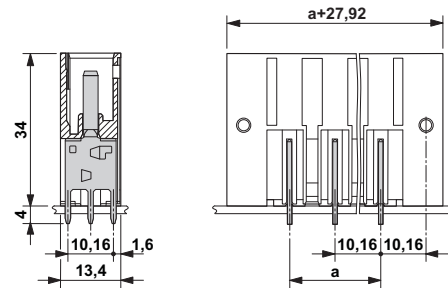
Drawings

Header - PCV 6-16/ 4-G1F-10,16 - 1998881

Drilling diagram



Dimensional drawing



Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637
ETIM 6.0	EC002637

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals

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SEV / IECCEB Scheme / EAC / cULus Recognized


Header - PCV 6-16/ 4-G1F-10,16 - 1998881


Approvals


Ex Approvals

Approval details

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

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

EAC			B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20040202
	B	C	D
Nominal current IN	66 A	66 A	5 A
Nominal voltage UN	300 V	300 V	600 V

Accessories

Accessories

Coding element

Header - PCV 6-16/ 4-G1F-10,16 - 1998881

Accessories

Coding profile - CP-PC RD - 1701967



Coding profile, for plugging into the coding ribs of the plug at a later date, insulating material, color: Red

Mounting material

Accessories - DFK-PC 16-SS - 1705449



Screw set for DFK-PC 16... connectors

Additional products

Printed-circuit board connector - SPC 16/ 4-STF-10,16 - 1711394



Plug component, nominal current: 76 A, rated voltage (III/2): 1000 V, number of positions: 4, pitch: 10.16 mm, connection method: Push-in spring connection, color: green, contact surface: Silver

Printed-circuit board connector - SPC 16/ 4-STF-SH-10,16 - 1711488



Plug component, nominal current: 76 A, rated voltage (III/2): 1000 V, number of positions: 4, pitch: 10.16 mm, connection method: Push-in spring connection, color: green, contact surface: Silver

Printed-circuit board connector - TPC 16/ 4-STF-10,16 - 1715277



Plug component, nominal current: 76 A, rated voltage (III/2): 1000 V, number of positions: 4, pitch: 10.16 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Silver

Header - PCV 6-16/ 4-G1F-10,16 - 1998881

Accessories

Printed-circuit board connector - PC 6/ 4-STF-10,16 - 1913594



Plug component, nominal current: 41 A, rated voltage (III/2): 1000 V, number of positions: 4, pitch: 10.16 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Silver

Printed-circuit board connector - PC 16/ 4-STF-10,16 - 1967472



Plug component, nominal current: 76 A, rated voltage (III/2): 1000 V, number of positions: 4, pitch: 10.16 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Silver

Printed-circuit board connector - PC 16/ 4-STF-SH-10,16 - 1970359



Plug component, nominal current: 76 A, rated voltage (III/2): 1000 V, number of positions: 4, pitch: 10.16 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Silver
