

Base strip - PC 6-16/ 2-G1F-10,16 - 1999000

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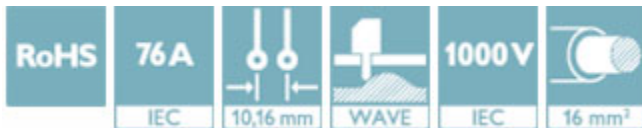
Header, nominal current: 76 A, rated voltage (III/2): 1000 V, number of positions: 2, pitch: 10.16 mm, Color: green, Contact surface: Silver, mounting: Wave soldering



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	4046356038508
Weight per Piece (excluding packing)	14.510 g
Custom tariff number	85366930
Country of origin	Poland

Technical data

Dimensions

Length	34 mm
Pitch	10.16 mm
Dimension a	10.16 mm
Width	38.08 mm

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Technical data

Dimensions

Constructional height	13.4 mm
Height	17.4 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	PC 6-16/...G1F
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)	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	2

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.
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Standards and Regulations

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

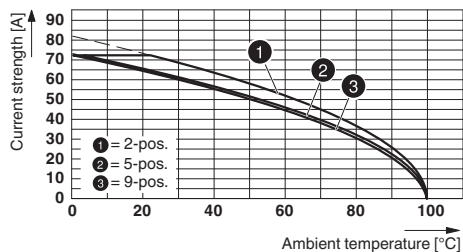
Environmental Product Compliance

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

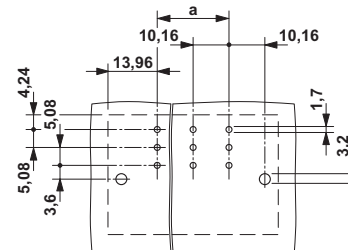
Drawings

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Diagram

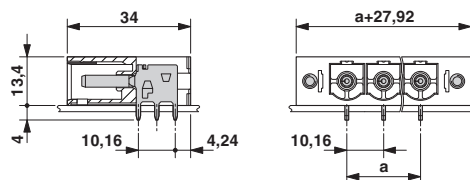


Drilling diagram



Type: PC 16/...-STF-10,16 with PC 6-16/...-G1F-10,16

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
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Classifications

UNSPSC

UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals


Approvals


Approvals


UL Recognized / SEV / cUL Recognized / IECCE CB Scheme / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	D
Nominal current IN	66 A	66 A	5 A
Nominal voltage UN	300 V	300 V	600 V

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

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	D
Nominal current IN	66 A	66 A	5 A
Nominal voltage UN	300 V	300 V	600 V

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Approvals

IECEE CB Scheme	CB scheme	http://www.iecee.org/	CH-8077
Nominal current I _N		76 A	
Nominal voltage U _N		1000 V	

EAC	EAC	B.01742
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cULus Recognized	cULus	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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Accessories

Accessories

Coding element

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

Additional products

Printed-circuit board connector - SPC 16/ 2-STF-10,16 - 1711378



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

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Accessories

Printed-circuit board connector - TPC 16/ 2-STF-10,16 - 1715251



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

Printed-circuit board connector - PC 6/ 2-STF-10,16 - 1913578



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

Printed-circuit board connector - PC 16/ 2-STF-10,16 - 1967456



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