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Base strip - PC 6-16/ 8-G1F-10,16 - 1999068

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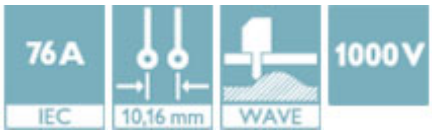
Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 8, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Mounting: Wave soldering

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

Why buy this product

- PCB/PCB connections by using IPC 16 headers
- PCB-SHIELD shroud for a professional EMC shield connection
- PC 6-16 headers for use in combination with all PC 6 and PC 16 plugs



Key Commercial Data

Packing unit	50 STK
GTIN	4 046356 038560

Technical data

Dimensions

Length	34 mm
Pitch	10.16 mm
Dimension a	71.12 mm
Constructional height	17.4 mm
Height	13.4 mm
Length of the solder pin	4 mm
Pin dimensions	0.8 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

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Technical data

General

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	8

Standards and Regulations

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

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

UNSPSC

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

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Approvals

Approvals

Approvals

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

Ex Approvals

Approvals submitted

Approval details

UL Recognized

	B	C	D
Nominal current IN	66 A	66 A	5 A
Nominal voltage UN	300 V	300 V	600 V

SEV

Nominal current IN	76 A
Nominal voltage UN	1000 V

cUL Recognized

	B	C	D
Nominal current IN	66 A	66 A	5 A
Nominal voltage UN	300 V	300 V	600 V

EAC

IECEE CB Scheme

Nominal current IN	76 A
Nominal voltage UN	1000 V

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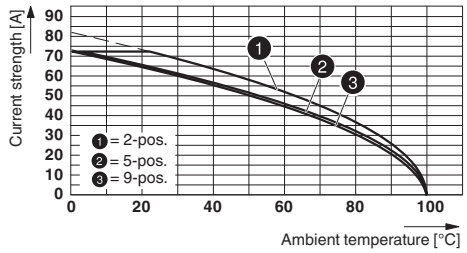
Approvals

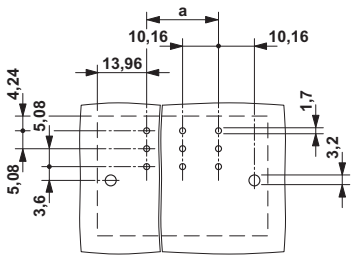
cULus Recognized

Drawings

Diagram

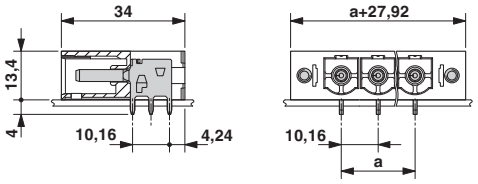


Drilling diagram



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

Dimensional drawing



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To access the product, click on the green button.

Product	Code	Reference	Product link
Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 8, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Mounting: Soldering	1999068	PC 6-16/ 8-G1F-10,16	Buy on EAN