Base strip - PC 6-16/ 7-G1F-10,16 - 1999055

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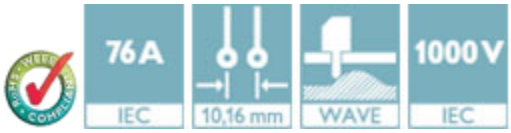
Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 7, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Mounting: Wave soldering

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

Product Features

- 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	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	20.75 g
Custom tariff number	85366990
Country of origin	Poland

Technical data

Dimensions

Length	34 mm
Pitch	10.16 mm
Dimension a	60.96 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

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Technical data

Dimensions

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	7

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

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Classifications

ETIM

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

Approvals

Approvals

Approvals

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

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Approvals

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

EAC

cULus Recognized

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

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Accessories

Accessories - CS-IPC 16/ 6 - 1970016

Coding pin, serves to ensure correct polarization on the PCB during manual mounting

Additional products

Printed-circuit board connector - SPC 16/ 7-STF-10,16 - 1711420

Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 7, Pitch: 10.16 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Silver

Printed-circuit board connector - TPC 16/ 7-STF-10,16 - 1715303

Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 7, Pitch: 10.16 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Silver

Printed-circuit board connector - PC 6/ 7-STF-10,16 - 1913620

Plug component, Nominal current: 41 A, Rated voltage (III/2): 1000 V, Number of positions: 7, Pitch: 10.16 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Silver

Printed-circuit board connector - PC 16/ 7-STF-10,16 - 1967508

Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 7, Pitch: 10.16 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Silver

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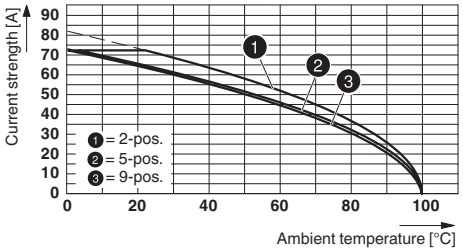
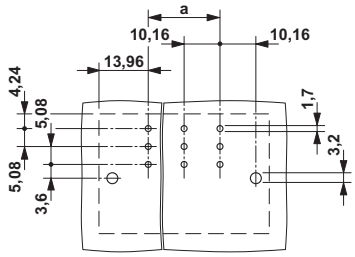
Drawings

Diagram

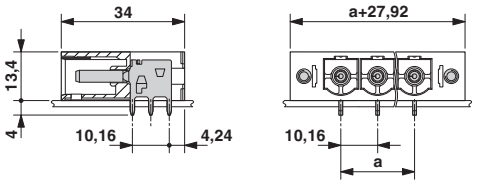


Drilling diagram



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

Dimensional drawing



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