

Base strip - IPCV 16/ 7-G-10,16 - 1969742

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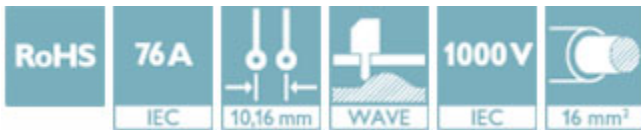


Header, nominal current: 76 A, rated voltage (III/2): 1000 V, number of positions: 7, pitch: 10.16 mm, Color: green, Contact surface: Silver, mounting: Wave soldering

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

Why buy this product

- ✓ Well-known mounting principle allows worldwide use
- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Inverted header with socket contacts for touch-proof device outputs or PCB/PCB connections
- ✓ Integrated double steel spring provides additional safety in the event of temperature and power fluctuations



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	
GTIN	4017918946760
Weight per Piece (excluding packing)	27.330 g
Custom tariff number	85366930
Country of origin	Poland

Technical data

Dimensions

Length	13.6 mm
Pitch	10.16 mm
Dimension a	60.96 mm
Width	71.92 mm

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Technical data

Dimensions

Constructional height	32.1 mm
Height	36.1 mm
Length of the solder pin	4 mm
Pin dimensions	0,8 x 1,2
Pin spacing	10.16 mm
Hole diameter	1.7 mm

General

Range of articles	IPCV 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)	8 kV
Rated voltage (III/3)	1000 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Nominal current I _N	76 A
Maximum load current	76 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	7

Standards and Regulations

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

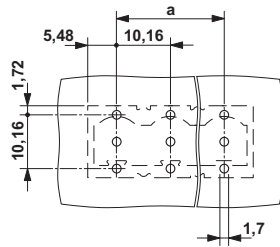
Environmental Product Compliance

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

Drawings

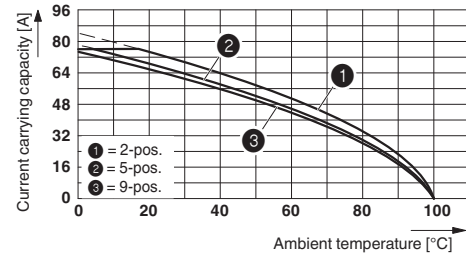
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Drilling diagram



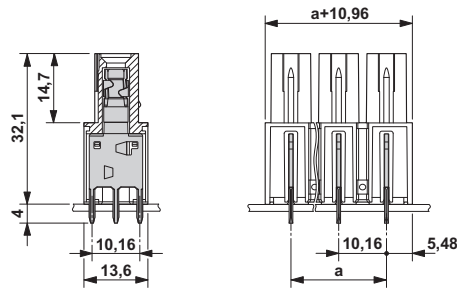
The illustration shows the 3-pos. version

Diagram



Derating curve for: ISPC 16/...-ST-10,16 with IPCV 16/...-G-10,16

Dimensional drawing



The illustration shows the 3-pos. version

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

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Classifications

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 / 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

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Approvals

	B	C	D
Nominal voltage UN	300 V	300 V	600 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
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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



Accessories - CS-IPC 16/ 6 - 1970016

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



Terminal marking

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Accessories

Marker card - SK U/5,0 WH:UNBEDRUCKT - 0803922



Marker card, Sheet, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, Office printing systems, Mounting type: Adhesive, Lettering field: 186 x 5 mm

Additional products

Printed-circuit board connector - IPC 16/ 7-ST-10,16 - 1969425



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 - ISPC 16/ 7-ST-10,16 - 1748590



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

Base strip - PC 6-16/ 7-G1-10,16 - 1998988



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

Base strip - PC 6-16/ 7-G1U-10,16 - 1996281



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

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Accessories

Base strip - PCV 6-16/ 7-G1-10,16 - 1998836



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