

Feed-through header - PC 6-16/ 8-G1FU-10,16 - 1996375

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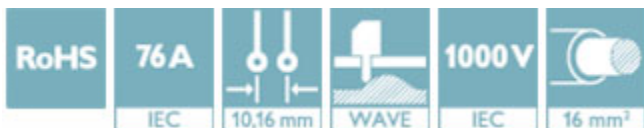
PCB headers, nominal current: 76 A, rated voltage (III/2): 1000 V, number of positions: 8, pitch: 10.16 mm, color: green, contact surface: Silver, mounting: Wave soldering



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

Your advantages

- ✓ 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 pc
Minimum order quantity	50 pc
GTIN	 4 046356 038119
GTIN	4046356038119
Weight per Piece (excluding packing)	37.890 g
Custom tariff number	85366930
Country of origin	Poland

Technical data

Dimensions

Length [l]	34 mm
Width	99.04 mm
Pitch	10.16 mm
Dimension a	71.12 mm

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Technical data

Dimensions

Width [w]	99.04 mm
Height [h]	17.4 mm
Height	13.4 mm
Length of the solder pin	4 mm
Pin dimensions	0.8 x 1.2 mm
Pin spacing	1.16 mm
Length	34 mm

General

Range of articles	PC 6-16/...-G1FU
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)	630 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)
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

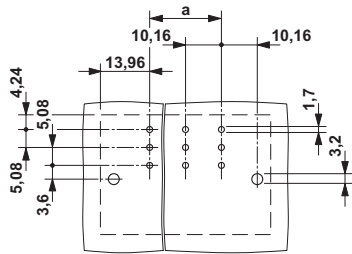
Environmental Product Compliance

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

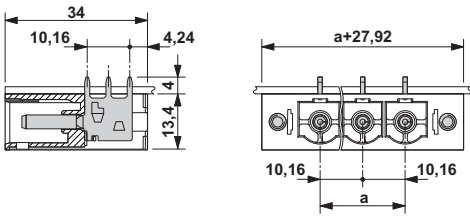
Drawings

Feed-through header - PC 6-16/ 8-G1FU-10,16 - 1996375

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	27260700
eCl@ss 6.0	27260700
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

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IECEE CB Scheme / SEV / EAC / cULus Recognized

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Approvals

Ex Approvals

Approval details

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

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

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

Accessories

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Coding element

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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 - PC 6/ 8-STF-10,16 - 1913633



PCB connector, nominal current: 41 A, rated voltage (III/2): 1000 V, number of positions: 8, pitch: 10.16 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Silver

Printed-circuit board connector - PC 16/ 8-STF-10,16 - 1967511



PCB connector, nominal current: 76 A, rated voltage (III/2): 1000 V, number of positions: 8, pitch: 10.16 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Silver

Printed-circuit board connector - TPC 16/ 8-STF-10,16 - 1715316



PCB connector, nominal current: 76 A, rated voltage (III/2): 1000 V, number of positions: 8, pitch: 10.16 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Silver

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Accessories

Printed-circuit board connector - SPC 16/ 8-STF-10,16 - 1711433



PCB connector, nominal current: 76 A, rated voltage (III/2): 1000 V, number of positions: 8, pitch: 10.16 mm, connection method: Push-in spring connection, color: green, contact surface: Silver

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