

## Feed-through header - ICC20-H/4L3,5-7035 - 1084014

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PCB headers, nominal current: 8 A, rated voltage (III/2): 150 V, number of positions: 4, pitch: 3.5 mm, color: light gray, contact surface: Tin, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.65 mm, Product with pin output on left side

### Your advantages

- Variable coding, for reliable protection against incorrect connection
- Designed for integration into the wave soldering process
- Easy and fast push-in mounting of assembled printed-circuit boards, thanks to stable guide rails
- Quick and easily coded when initially connecting the connector and header



### Key Commercial Data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	
GTIN	4055626820910

### Technical data

#### Item properties

Brief article description	Feed-through header
Type of contact	Male connector
Range of articles	ICC..-H/..3,5
Pitch	3.5 mm
Number of positions	4
Mounting type	Wave soldering
Pin layout	Linear pinning
Number of levels	1
Number of connections	4
Number of potentials	4

#### Electrical parameters

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## Technical data

### Electrical parameters

Nominal current	8 A
Rated voltage	150 V
Rated voltage (III/2)	150 V
Rated voltage (II/2)	250 V
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV

### Connection capacity

pluggable	Yes
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### Material data - contact

Note	WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/ JEDEC JESD 201
Contact material	Cu alloy
Surface characteristics	Tin-plated
Metal surface terminal point (top layer)	Tin (2 - 4 µm Sn)
Metal surface terminal point (middle layer)	Nickel (1.3 - 3 µm Ni)
Metal surface contact area (top layer)	Tin (2 - 4 µm Sn)
Metal surface contact area (middle layer)	Nickel (1.3 - 3 µm Ni),
Metal surface soldering area (top layer)	Tin (2 - 4 µm Sn)
Metal surface soldering area (middle layer)	Nickel (1.3 - 3 µm Ni)

### Material data - housing

Housing color	light gray (7035)
Insulating material	PA
Insulating material group	I
CTI according to IEC 60112	600
Flammability rating according to UL 94	V0
Glow wire flammability index GWFI according to EN 60695-2-12	850
Glow wire ignition temperature GWIT according to EN 60695-2-13	775
Temperature for the ball pressure test according to EN 60695-10-2	125 °C

### Dimensions for the product

Length [ l ]	20.22 mm
Width [ w ]	20 mm
Height [ h ]	22.4 mm
Pitch	3.5 mm
Solder pin [P]	3.65 mm
Pin dimensions	1 x 1 mm

### Packaging information

Type of packaging	Box packaging
Pieces per package	50

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### Packaging information

Denomination packing units	Pcs.
Outer packaging type	Carton

### General product information

Type of note	Assembly instruction:
Note	Refer to the data sheet for the range in the download area.

### Ambient conditions

Ambient temperature (storage/transport)	-40 °C ... 55 °C
Ambient temperature (assembly)	-5 °C ... 100 °C
Ambient temperature (operation)	-40 °C ... 105 °C (dependent on the derating curve)

### Standards and Regulations

Flammability rating according to UL 94	V0
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### Environmental Product Compliance

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

## Classifications

### eCl@ss

eCl@ss 10.0.1	27440402
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
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 4.0	EC001031
ETIM 5.0	EC002637
ETIM 6.0	EC002637
ETIM 7.0	EC002637

### UNSPSC

UNSPSC 13.2	39121409
UNSPSC 18.0	39121409
UNSPSC 19.0	39121409
UNSPSC 20.0	39121409

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## Classifications

### UNSPSC

UNSPSC 21.0	39121409
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## Approvals

### Approvals

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### Approvals

EAC

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Ex Approvals

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## Approval details

EAC		B.01687
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## Accessories

### Additional products

Printed-circuit board connector - ICC20-PSC1,5/4-3,5-AA-7035 - 1084020



PCB connector, number of positions: 4, connection method: Screw connection with tension sleeve, color: light gray

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