

# Feed-through header - ICC25-H/4R5,0-1018 - 1112640

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PCB headers, color: yellow, nominal current: 16 A, rated voltage (III/2): 320 V, type of contact: Male connector, Number of rows: 1, Number of positions per row: 4, product range: ICC25-H/.R, pitch: 5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, Locking: Snap-in locking, Product with pin output on right 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	4063151035105

## Technical data

### Item properties

Brief article description	Feed-through header
Type of contact	Male connector
Range of articles	ICC..-H/.5,0
Pitch	5 mm
Number of positions	4
Mounting type	Wave soldering
Pin layout	Linear pinning
Number of levels	1

### Electrical parameters

Nominal current	16 A
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## Technical data

### Electrical parameters

Nom. voltage	320 V
Rated voltage	250 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV

### 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	yellow (1018)
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

Caption	Schematische Abbildung - weitere Details siehe Produktfamilienzeichnung im Download Center
Length [ l ]	20.35 mm
Width [ w ]	25 mm
Height [ h ]	22.4 mm
Pitch	5 mm
Solder pin [P]	3.5 mm
Pin dimensions	1 x 1 mm

### Dimensions for PCB design

Hole diameter	1.4 mm
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### Packaging information

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## Technical data

### Packaging information

Pieces per package	50
Denomination packing units	Pcs.

### 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)

### Durability tests (B)

Specification	IEC 60512-9-1:2010-03
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### Standards and Regulations

Flammability rating according to UL 94	V0
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## Classifications

### eCl@ss

eCl@ss 10.0.1	27440402
eCl@ss 11.0	27460201
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

### ETIM

ETIM 5.0	EC002637
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## Approvals

### Approvals

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#### Approvals

EAC / cULus Recognized

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#### Ex Approvals


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### Approval details

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## Approvals

EAC		B.01687
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cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-20181123
	B	D	
Nominal voltage UN	300 V	150 V	
Nominal current IN	16 A	15 A	

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