

## Printed-circuit board connector - HSCH 2,5-3U/12 9005 - 2201788

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Header, nominal current: 8 A, rated voltage (III/2): 300 V, number of positions: 12, pitch: 5 mm, connection method: Plug / solder connection, color: black, contact surface: Tin, mounting: Soldering, Please observe the derating curve of the item

### Why buy this product

- Item is from the ME-IO product range
- Tool-free mounting
- Available in overall widths from 18.8 mm
- Inflammability class V0 according to UL 94
- Front push-in connection technology
- Can be mounted on the DIN rail
- Optional with bus connector for DIN rail mounting
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### Key Commercial Data

Packing unit	50 STK
Minimum order quantity	50 STK
GTIN	 4 046356 911511
GTIN	4046356911511
Weight per Piece (excluding packing)	4.930 g
Custom tariff number	85366930
Country of origin	Germany

### Technical data

#### Dimensions

Length [ l ]	32.9 mm
Pitch	5 mm
Width [ w ]	12.45 mm
Height [ h ]	16 mm

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## Technical data

### Dimensions

Pin dimensions	0,8 x 0,8 mm
Pin spacing	5.00 mm

### General

Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/2)	300 V
Rated voltage (II/2)	600 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	8 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	black
Number of positions	12

### Standards and Regulations

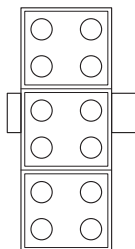
Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

### Environmental Product Compliance

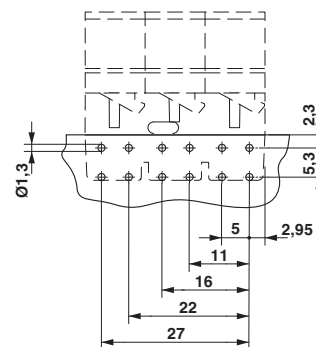
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Schematic diagram

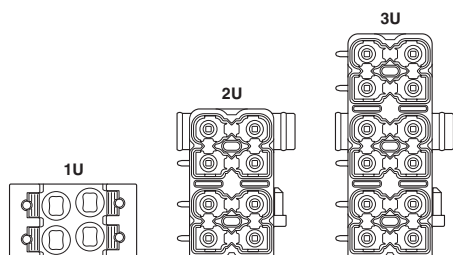


Drilling diagram

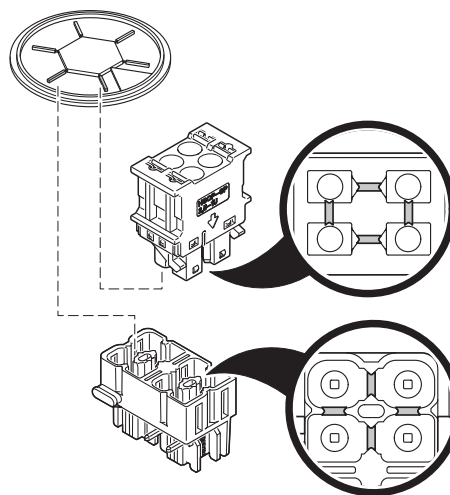


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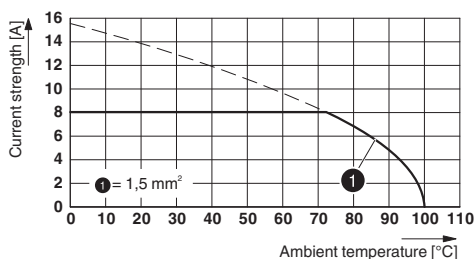
Schematic diagram



Schematic diagram



Diagram



Type: HSCP-SP 2,5... with HSCH 2,5...

## Classifications

### eCl@ss

eCl@ss 5.0	27180506
eCl@ss 5.1	27180506
eCl@ss 6.0	27180802
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

### ETIM

ETIM 4.0	EC001031
ETIM 5.0	EC002637
ETIM 6.0	EC002637

### UNSPSC

UNSPSC 13.2	39121409
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## Approvals

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cULus Recognized / EAC / VDE approval of drawings / IECEE CB Scheme

#### Ex Approvals

### Approval details

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>	E60425-20150613
	B			D	
Nominal current IN	8 A			8 A	
Nominal voltage UN	150 V			300 V	

EAC		B.01742
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VDE approval of drawings			<a href="http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx">http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx</a>	40045764
Nominal current IN			8 A	
Nominal voltage UN			630 V	

IECEE CB Scheme			<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-58278
Nominal current IN			8 A	
Nominal voltage UN			630 V	

## Accessories

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### Coding element

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### Accessories

Coding profile - CP-DMC 1,5 NAT - 1790647



Coding profile, for insertion between the coding ribs of the connector and the header following the reflow soldering process, insulating material, color: natural

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### Necessary add-on products

Printed-circuit board connector - HSCP-SP 2,5-1U4-7035 - 2201780



Plug component, nominal current: 8 A, rated voltage (III/2): 300 V, number of positions: 4, pitch: 5 mm, connection method: Push-in technology, color: light gray, contact surface: Tin, Color of the spring lever: orange