



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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

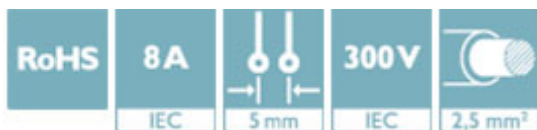
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PCB connector, nominal current: 8 A, rated voltage (III/2): 300 V, number of positions: 4, pitch: 5 mm, connection method: Push-in technology, color: light gray, contact surface: Tin, Color of the spring lever: orange

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



Key Commercial Data

Packing unit	50 STK
GTIN	 4 046356 911436
GTIN	4046356911436

Technical data

Dimensions

Length [l]	10.9 mm
Width [w]	18.8 mm
Height [h]	21.6 mm
Pitch	5 mm

General

Number of positions	4
Connection method	Push-in technology
Insulating material group	I
Rated surge voltage (III/3)	4 kV

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Technical data

General

Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	250 V
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
Nominal cross section	2.5 mm ²
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	10 mm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16

Standards and Regulations

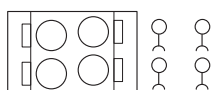
Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

Environmental Product Compliance

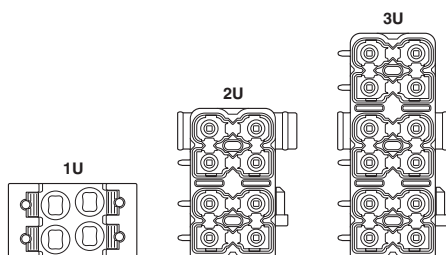
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Schematic diagram

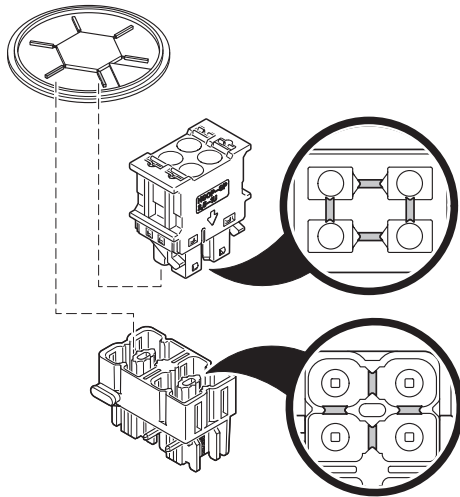


Schematic diagram

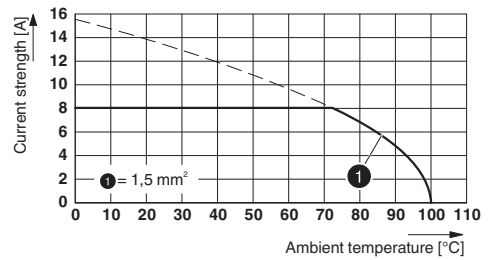


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Schematic diagram



Diagram



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

Approvals

Approvals

Approvals

cULus Recognized / EAC / VDE approval of drawings / IECCEB Scheme

Ex Approvals


Approval details


cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20150613
	D	B	
Nominal voltage UN	300 V	150 V	
Nominal current IN	8 A	8 A	
mm²/AWG/kcmil	24-16	24-16	

EAC		B.01742
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Printed-circuit board connector - HSCP-SP 2,5-1U4-7035 - 2201780

Approvals

VDE approval of drawings		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40045764
Nominal voltage UN		630 V	
Nominal current IN		8 A	
mm ² /AWG/kcmil		0.2-2.5	

IECEE CB Scheme		http://www.iecee.org/	DE1-58278
Nominal voltage UN		630 V	
Nominal current IN		8 A	
mm ² /AWG/kcmil		0.2-2.5	

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