

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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



PCB headers, 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



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	 4 046356 911511
GTIN	4046356911511
Weight per Piece (excluding packing)	3.600 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length [l]	32.9 mm
Pitch	5 mm

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

Technical data

Dimensions

Width [w]	12.45 mm
Height [h]	16 mm
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

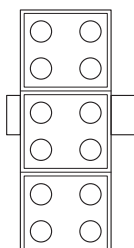
Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

Environmental Product Compliance

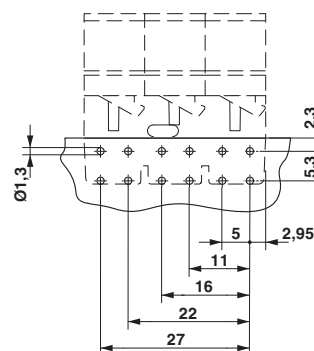
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Schematic diagram

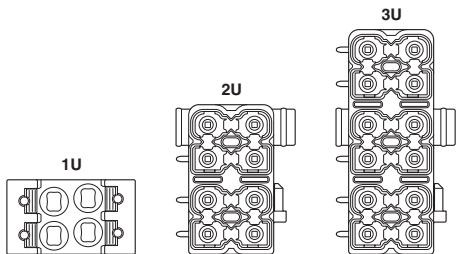


Drilling diagram

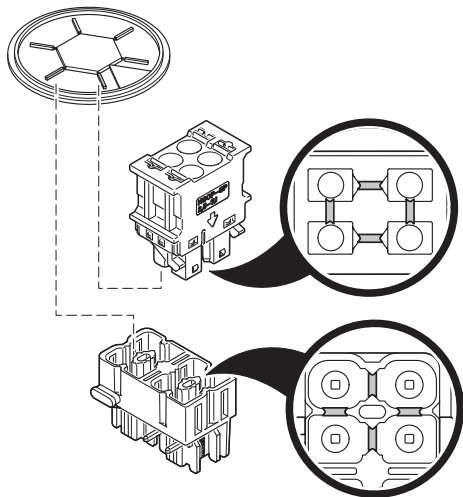


Printed-circuit board connector - HSCH 2,5-3U/12 9005 - 2201788

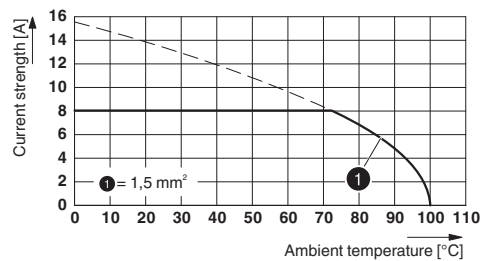
Schematic diagram



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

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

Classifications

UNSPSC

UNSPSC 13.2	39121409
-------------	----------

Approvals

Approvals

Approvals

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

Ex Approvals

Approval details

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20150613
	B	D	
Nominal current I _N	8 A	8 A	
Nominal voltage U _N	150 V	300 V	

EAC		B.01742
-----	---	---------

VDE approval of drawings		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40045764
Nominal current I _N	8 A		
Nominal voltage U _N	630 V		

IECEE CB Scheme		http://www.iecee.org/	DE1-58278
Nominal current I _N	8 A		

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

Approvals

Nominal voltage UN	630 V
--------------------	-------

Accessories

Accessories

Coding element

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

Necessary add-on products

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



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