

# HSCP-SP 2,5-1U00-7035 - Filler plug



2202610

<https://www.phoenixcontact.com/us/products/2202610>

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PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: light grey, nominal current: 8 A, rated voltage (III/2): 300 V, contact surface: Tin, number of potentials: 0, number of rows: 2, number of positions: 0, number of connections: 0, product range: HSCP-SP 2,5-..., pitch: 5 mm, number of solder pins per potential: 0, locking clip: - Locking clip, plug-in system: HSC 2,5, locking: without, mounting: without, type of packaging: packed in cardboard, Filler plugs

## Your advantages

- Filler plugs for fully closed device fronts
- Plastic in accordance with UL94 V0: for more rigorous flammability requirements

## Commercial data

Item number	2202610
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	AC15
Product key	ACHECB
GTIN	4055626296296
Weight per piece (including packing)	2.382 g
Weight per piece (excluding packing)	2.382 g
Customs tariff number	85389099
Country of origin	CN

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## Technical data

### Product properties

Product type	PCB connector
Product family	HSCP-SP 2,5-..
Number of positions	0
Pitch	5 mm
Number of connections	0
Number of rows	2
Number of potentials	0
Solder pins per potential	0

### Electrical properties

Nominal current $I_N$	8 A
Nominal voltage $U_N$	300 V
Degree of pollution	3
Rated voltage (III/3)	250 V
Rated surge voltage (III/3)	4 kV
Rated voltage (III/2)	300 V
Rated surge voltage (III/2)	4 kV
Rated voltage (II/2)	600 V
Rated surge voltage (II/2)	4 kV

### Connection data

#### Connection technology

Connector system	HSC 2,5
Nominal cross section	2.5 mm <sup>2</sup>

#### Interlock

Locking type	without
Mounting flange	without

#### Conductor connection

Conductor cross section rigid	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section AWG	24 ... 16
Conductor cross section flexible, with ferrule without plastic sleeve	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross section, flexible, with ferrule, with plastic sleeve	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Cylindrical gauge a x b / diameter	2.4 mm x 1.5 mm / 1.9 mm
Stripping length	10 mm

### Material specifications

#### Material data - housing

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Color (Housing)	light grey (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

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

## Mounting

### Processing notes

Moisture Sensitive Level	MSL 1
Classification temperature T <sub>c</sub>	260 °C
Solder cycles in the reflow	3

## Notes

Assembly instruction:	Refer to the data sheet for the range in the download area.
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## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 105 °C (dependent on the derating curve)
Ambient temperature (storage/transport)	-40 °C ... 55 °C
Relative humidity (storage/transport)	30 % ... 70 %
Ambient temperature (assembly)	-5 °C ... 100 °C

## Electrical tests

### Air clearances and creepage distances |

Specification	IEC 60664-1:2007-04
Insulating material group	I
Comparative tracking index (IEC 60112)	CTI 600
Rated insulation voltage (III/3)	250 V
Rated surge voltage (III/3)	4 kV
minimum clearance value - non-homogenous field (III/3)	3 mm
minimum creepage distance (III/3)	3.2 mm
Rated insulation voltage (III/2)	300 V
Rated surge voltage (III/2)	4 kV

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minimum clearance value - non-homogenous field (III/2)	3 mm
minimum creepage distance (III/2)	3 mm
Rated insulation voltage (II/2)	600 V
Rated surge voltage (II/2)	4 kV
minimum clearance value - non-homogenous field (II/2)	3 mm
minimum creepage distance (II/2)	3.2 mm

## Packaging specifications

Type of packaging	packed in cardboard
Outer packaging type	Carton

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## Classifications

### ECLASS

ECLASS-11.0	27460202
ECLASS-12.0	27460202
ECLASS-13.0	27460202

### ETIM

ETIM 9.0	EC002638
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

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

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