

# Printed-circuit board connector - ISPC 16/ 9-STGF-10,16 - 1748778

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Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 9, Pitch: 10.16 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Silver




The illustration shows the 5-pos. version

## Why buy this product

- Can be plugged into (S)PC 16 plugs or inverted IPC 16 headers
- Unlimited 600 V UL approval
- Inverted Push-in spring-cage plugs with pin contacts for touch-proof device outputs (with IPC 16 G) or free-hanging cable/cable connections
- Increased vibration protection thanks to screw-on STF plugs with screw flange



## Key commercial data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	 4 046356 311007
Weight per Piece (excluding packing)	86.0 g
Custom tariff number	85366990
Country of origin	Bulgaria
Note	Made to Order (non-returnable)

## Technical data

### Dimensions

Pitch	10.16 mm
Dimension a	81.28 mm

### General

Range of articles	ISPC 16/..-STGF
Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	6 kV

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## Technical data

### General

Rated voltage (III/3)	1000 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	76 A
Nominal cross section	16 mm <sup>2</sup>
Maximum load current	76 A
Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	18 mm
Number of positions	9

### Connection data

Conductor cross section solid min.	0.75 mm <sup>2</sup>
Conductor cross section solid max.	16 mm <sup>2</sup>
Conductor cross section stranded min.	0.75 mm <sup>2</sup>
Conductor cross section stranded max.	16 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.75 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	16 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.75 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	10 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	18
Conductor cross section AWG/kcmil max	4
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm <sup>2</sup>
Minimum AWG according to UL/CUL	20
Maximum AWG according to UL/CUL	4

## Classifications

### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440309

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## Classifications

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

### UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

## Approvals

### Approvals


#### Approvals


UL Recognized / cUL Recognized / SEV / CCA / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

### Approval details

UL Recognized 		
	B	C
mm <sup>2</sup> /AWG/kcmil	20-4	20-4
Nominal current I <sub>N</sub>	66 A	66 A
Nominal voltage U <sub>N</sub>	600 V	600 V

cUL Recognized 		
	B	C
mm <sup>2</sup> /AWG/kcmil	20-4	20-4
Nominal current I <sub>N</sub>	66 A	66 A
Nominal voltage U <sub>N</sub>	600 V	600 V

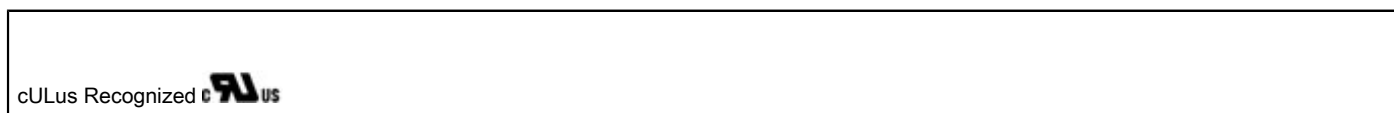
# Printed-circuit board connector - ISPC 16/ 9-STGF-10,16 - 1748778

## Approvals

SEV	
mm <sup>2</sup> /AWG/kcmil	16
Nominal current I <sub>N</sub>	76 A
Nominal voltage U <sub>N</sub>	1000 V

CCA	
Nominal current I <sub>N</sub>	76 A
Nominal voltage U <sub>N</sub>	1000 V

EAC	
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## Accessories

### Accessories

#### Coding element

Coding profile - CP-PC RD - 1701967



Coding profile, for plugging into the coding ribs of the plug at a later date, insulating material, color: Red

## Additional products

Printed-circuit board connector - PC 16/ 9-STF-10,16 - 1967524



Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 9, Pitch: 10.16 mm, Connection method: Screw connection, Color: green, Contact surface: Silver

# Printed-circuit board connector - ISPC 16/ 9-STGF-10,16 - 1748778

## Accessories

Printed-circuit board connector - TPC 16/ 9-STF-10,16 - 1715329



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Plug - SPC 16/ 9-STF-10,16 - 1711446



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## Drawings

Dimensioned drawing

