

## Printed-circuit board connector - PC 16/ 2-ST-10,16 BD:1,2 - 1974300

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



### Key commercial data

Packing unit	1 1
Minimum order quantity	50 1
Weight per Piece (excluding packing)	18.35 GRM
Custom tariff number	85366990
Country of origin	Poland

### Technical data

#### Dimensions

Pitch	10.16 mm
Dimension a	10.16 mm

#### General

Range of articles	PC 16/..-ST
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
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>

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## Technical data

### General

Maximum load current	76 A
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A6
Stripping length	14 mm
Number of positions	2
Screw thread	M4
Tightening torque, min	1.7 Nm
Tightening torque max	1.8 Nm

### 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.	0.5 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.	0.5 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	6
2 conductors with same cross section, solid min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, solid max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	4 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm <sup>2</sup>
Minimum AWG according to UL/CUL	20
Maximum AWG according to UL/CUL	6

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## 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	27440402

### 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

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#### Approvals

UL Recognized / SEV / cUL Recognized / CCA / IECCE CB Scheme / GOST / GOST / cULus Recognized

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### Ex Approvals

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### Approvals submitted

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### Approval details

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## Approvals


UL Recognized 		
	B	C
mm <sup>2</sup> /AWG/kcmil	20-6	20-6
Nominal current I <sub>N</sub>	55 A	55 A
Nominal voltage U <sub>N</sub>	600 V	600 V

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

cUL Recognized 		
	B	C
mm <sup>2</sup> /AWG/kcmil	20-6	20-6
Nominal current I <sub>N</sub>	55 A	55 A
Nominal voltage U <sub>N</sub>	600 V	600 V

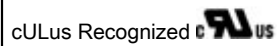
CCA	
Nominal current I <sub>N</sub>	76 A
Nominal voltage U <sub>N</sub>	1000 V

IECEE CB Scheme 	
Nominal current I <sub>N</sub>	76 A
Nominal voltage U <sub>N</sub>	1000 V

GOST 	
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## Approvals



## Accessories

Accessories

Coding element

Coding profile - CP-HCC 4 - 1600027



Coding profile, Number of positions: 1, Color: red

## Drawings

Dimensioned drawing

