

## PCB connector - ZEC 1,0/ 8-LPV-3,5 C1 - 1915712

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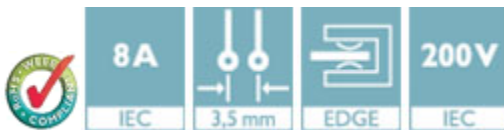
Printed circuit board connector, Nominal current: 8 A, Rated voltage (III/2): 200 V, Number of positions: 8, Pitch: 3.5 mm, Color: green, Contact surface: Tin, Mounting: Direct plug-in method



The figure shows a 10-position version of the product

### Product Features

- Larger numbers of positions available on request
- Chamfer in the plug-in area has a positive effect on insertion and withdrawal forces/cycles
- Contact made directly on a 1.6 mm thick PCB without additional pin strips



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	5.57 g
Custom tariff number	85366990
Country of origin	Bulgaria

### Technical data

#### Dimensions

Pitch	3.50 mm
Dimension a	28 mm

#### General

Range of articles	ZEC 1,0/..-LPV
Insulating material group	I
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV

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## Technical data

### General

Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/2)	200 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	8 A
Nominal voltage U <sub>N</sub>	160 V
Nominal cross section	1 mm <sup>2</sup>
Maximum load current	8 A
Insulating material	PA
Flammability rating according to UL 94	V0
Number of positions	8

### Standards and Regulations

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

## 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
eCl@ss 9.0	27440402

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002637

### UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409

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## Classifications

### UNSPSC

UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

## Approvals

### Approvals

#### Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCEB Scheme / CCA / EAC / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

## Approval details

UL Recognized	
	B
Nominal current IN	8 A
Nominal voltage UN	150 V

VDE Gutachten mit Fertigungsüberwachung	
Nominal current IN	8 A
Nominal voltage UN	160 V

cUL Recognized	
	B
Nominal current IN	8 A
Nominal voltage UN	150 V

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## Approvals

IECEE CB Scheme	
Nominal current I <sub>N</sub>	10 A
Nominal voltage U <sub>N</sub>	1000 V

CCA	
Nominal current I <sub>N</sub>	10 A
Nominal voltage U <sub>N</sub>	1000 V

EAC	
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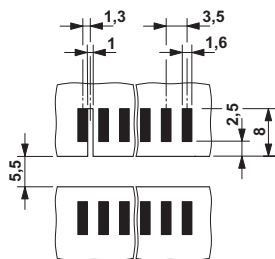
EAC	
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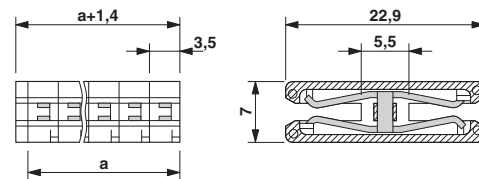
cULus Recognized	
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## Drawings

Drilling diagram



Dimensional drawing



Size of the PCB:  $1.6 \pm 0.2$  mm

# Mouser Electronics

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