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## PCB connector - ZEC 1,0/12-LPV-3,5 C1 - 1915754

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Printed circuit board connector, Nominal current: 8 A, Rated voltage (III/2): 200 V, Number of positions: 12, Pitch: 3.5 mm, Color: green, Contact surface: Tin, Mounting: Direct plug-in method




The figure shows a 10-position version of the product

### Why buy this product

- 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	50 STK
GTIN	 4 017918 181420

### Technical data

#### Dimensions

Pitch	3.50 mm
Dimension a	42 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
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 $I_N$	8 A
Nominal voltage $U_N$	160 V
Nominal cross section	1 mm <sup>2</sup>
Maximum load current	8 A
Insulating material	PA

# PCB connector - ZEC 1,0/12-LPV-3,5 C1 - 1915754

## Technical data

### General

Flammability rating according to UL 94	V0
Number of positions	12

### 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
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

## Approvals

### Approvals

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#### Approvals

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

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#### Ex Approvals


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# PCB connector - ZEC 1,0/12-LPV-3,5 C1 - 1915754


## 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

IECEE CB Scheme 	
Nominal current IN	10 A
Nominal voltage UN	1000 V

CCA	
Nominal current IN	10 A
Nominal voltage UN	1000 V

EAC	
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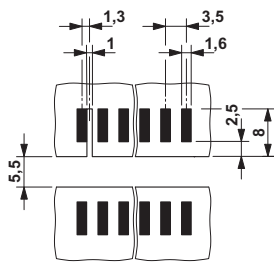
# PCB connector - ZEC 1,0/12-LPV-3,5 C1 - 1915754

## Approvals

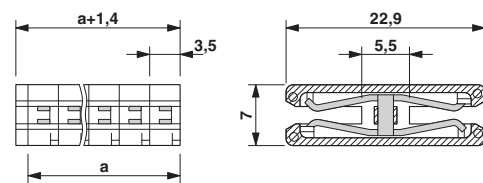
cULus Recognized 

## Drawings

Drilling diagram



Dimensional drawing



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

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Product	Code	Reference	Product link
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