

# Printed-circuit board connector - ZEC 1,0/10-ST-3,5C2R1,10YEBDSO - 1704974

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



PCB direct plug, nominal current: 8 A, number of positions: 10, pitch: 3.5 mm, connection method: Spring-cage connection, color: yellow, contact surface: Tin, mounting: Direct plug-in method

The figure shows a 10-position version of the product

## Your advantages

- Defined contact force ensures that contact remains stable over the long term
- Inexpensive direct plug-in connection with just one component
- Clamping space opened by means of fixed screwdriver enables convenient conductor connection
- Plug-in direction parallel to the PCB



## Key Commercial Data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	 4 017918 995362
GTIN	4017918995362

## Technical data

### Dimensions

Pitch	3.5 mm
Dimension a	31.5 mm

### General

Range of articles	ZEC 1,0/..-ST
Number of positions	10
Connection method	Spring-cage connection
Rated voltage (III/3)	160 V
Connection in acc. with standard	EN-VDE

# Printed-circuit board connector - ZEC 1,0/10-ST-3,5C2R1,10YEBDSO - 1704974

## Technical data

### General

Nominal current $I_N$	8 A
Nominal cross section	1 mm <sup>2</sup>

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	1 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	1 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	1 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.75 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16
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.	0.5 mm <sup>2</sup>
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	16

### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL

### Environmental Product Compliance

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

## Approvals

### Approvals

#### Approvals

CCA / IECCE CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

#### Ex Approvals

### Approval details

# Printed-circuit board connector - ZEC 1,0/10-ST-3,5C2R1,10YEBDSO - 1704974

## Approvals

CCA	DE1 34215
Nominal voltage UN	1000 V
Nominal current IN	10 A

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-51128
Nominal voltage UN	1000 V		
Nominal current IN	10 A		

VDE Gutachten mit Fertigungsüberwachung		<a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a>	40020343
Nominal voltage UN	160 V		
Nominal current IN	8 A		
mm <sup>2</sup> /AWG/kcmil	0.2-1		

EAC		B.01742
-----	---	---------

cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-19941110
Nominal voltage UN	150 V		
Nominal current IN	8 A		
mm <sup>2</sup> /AWG/kcmil	26-16		