

Printed-circuit board connector - ZEC 1,0/10-ST-3,5C8R1,10YEBDSO - 1705025

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	
GTIN	4017918995409

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-3,5C8R1,10YEBDSO - 1705025

Technical data

General

Nominal current I_N	8 A
Nominal cross section	1 mm ²

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	1 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	1 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.75 mm ²
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 ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm ²
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-3,5C8R1,10YEBDSO - 1705025

Approvals

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

IECEE CB Scheme			http://www.iecee.org/	DE1-51128
Nominal voltage UN		1000 V		
Nominal current IN		10 A		

VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40020343
Nominal voltage UN	160 V		
Nominal current IN	8 A		
mm²/AWG/kcmil	0.2-1		

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

cULus Recognized			http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19941110
			B	
Nominal voltage UN			150 V	
Nominal current IN			8 A	
mm²/AWG/kcmil			26-16	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[1705025](#)