Printed-circuit board connector - ZEC 1,0/10-ST-3,5 C1 R1,10 - 1893766

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The figure shows a 10-position version of the product

Direct connector, Nominal current: 8 A, Rated voltage (III/2): 200 V, Number of positions: 10, Pitch: 3.5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin, Assembly: Direct connector

Product Features

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

Key commercial data

package_quantity	50
GTIN	4017918161316

Technical data

Dimensions

Pitch	3.5 mm
Dimension a	35 mm

General

Range of articles	ZEC 1,0/..-ST
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/3)	160 V
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 cross section	1 mm²
Maximum load current	8 A (with 1 mm² conductor cross section)
Insulating material	PA
Inflammability class according to UL 94	V0

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Technical data

General

Stripping length	7 mm
Number of positions	10

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	1 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	1 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.75 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	16
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm²
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	16

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

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classifications

UNSPSC

UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECEE CB Scheme / GOST / GOST / cULus Recognized /

Approval details

UL Recognized

Usegroups	**B**
Nominal voltage UN	150 V
Nominal current IN	8 A
mm²/AWG/kcmil	26-16

VDE Gutachten mit Fertigungsüberwachung

Nominal voltage UN	160 V
Nominal current IN	8 A
mm²/AWG/kcmil	0.2-1

cUL Recognized

Usegroups	**B**
Nominal voltage UN	150 V
Nominal current IN	8 A
mm²/AWG/kcmil	26-16

IECEE CB Scheme

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approvals

GOST

cULus Recognized

accessories

Screwdriver tools

SZF 0-0,4X2,5 - 1204504



Labeled terminal marker

SK 3,5/2,8:FORTL.ZAHLEN - 0804073



Terminal marking

SK U/2,8 WH:UNBEDRUCKT - 0803883



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accessories

SK 2,8 WH:REEL - 0805205



Marker pen

B-STIFT - 1051993



accessories

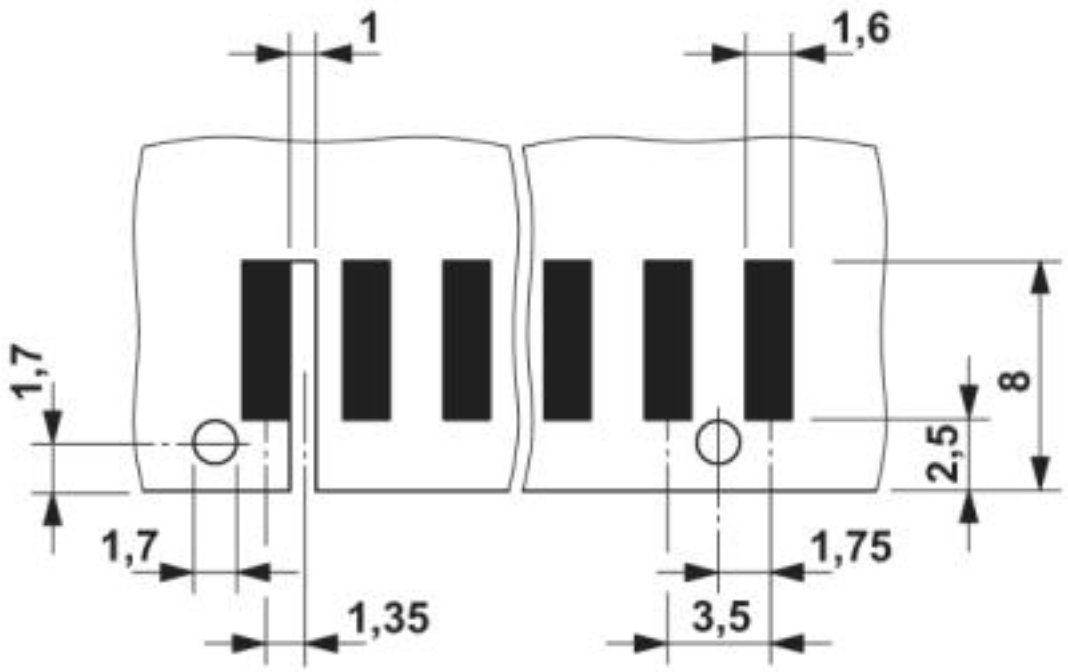
SK 3,5/2,8:SO - 0805030



Drawings

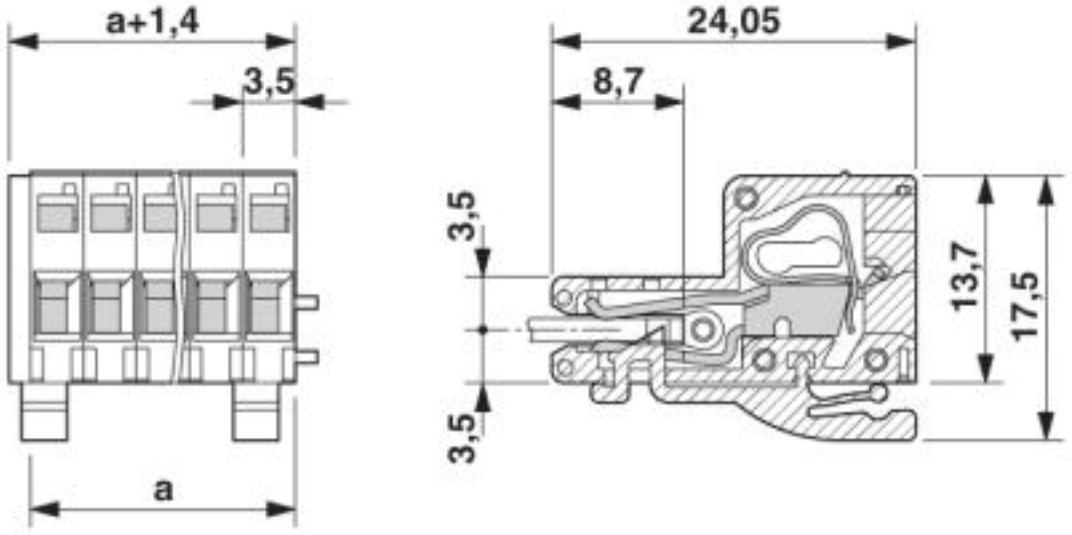
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Drilling diagram



Size of the PCB: 1.6 ± 0.2 mm

Dimensioned drawing



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