



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# Printed-circuit board connector - PCC 4/ 8-ST-7,62 - 1840133

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The figure shows an 10-position version


PCB connector, nominal current: 20 A, rated voltage (III/2): 1000 V, number of positions: 8, pitch: 7.62 mm, connection method: Crimp connection, color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] data: 13,5A/STG-MTN 0,5-1,0 (3190438); 13,5A/STG-MTN 0,5-1,0 BA (3190629); 20A/STG-MTN 1,5-2,5 (3190506); 20A/STG-MTN 1,5-2,5 BA (3190632). BA = Taped contacts

## Why buy this product

- Inexpensive connection of large quantities of pre-assembled conductors
- Small component size for applications where space is at a premium



## Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 102210
GTIN	4017918102210

## Technical data

### Dimensions

Length [ l ]	28.7 mm
Width [ w ]	60.91 mm
Height [ h ]	17.2 mm
Pitch	7.62 mm
Dimension a	53.34 mm

### General

Range of articles	PCC 4/..-ST
Type of contact	Female connector
Number of positions	8
Connection method	Crimp connection
Insulating material group	I
Rated surge voltage (III/3)	8 kV

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## Technical data

### General

Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	8 kV
Rated voltage (III/3)	400 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	20 A
Nominal cross section	4 mm <sup>2</sup>
Maximum load current	20 A
Insulating material	PA
Flammability rating according to UL 94	V0

### Connection data

Conductor cross section flexible min.	0.5 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Conductor cross section AWG min.	20
Conductor cross section AWG max.	14
Minimum AWG according to UL/CUL	20
Maximum AWG according to UL/CUL	14

### Standards and Regulations

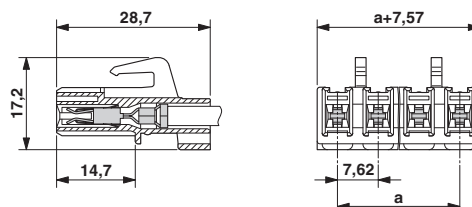
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

### Environmental Product Compliance

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

## Drawings

Dimensional drawing



# Printed-circuit board connector - PCC 4/ 8-ST-7,62 - 1840133

## Approvals

### Approvals

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#### Approvals


CSA / EAC / cULus Recognized


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#### Ex Approvals

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### Approval details

CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	13631
		B	C
Nominal voltage UN		300 V	300 V
Nominal current IN		10 A	10 A
mm²/AWG/kcmil		20-14	20-14

EAC			B.01742
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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>	E60425-19920722
		B	C
Nominal voltage UN		600 V	600 V
Nominal current IN		10 A	10 A
mm²/AWG/kcmil		20-14	20-14

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