

# Printed-circuit board connector - MCD 0,5/ 7-G1-2,5 HT BK - 1961193

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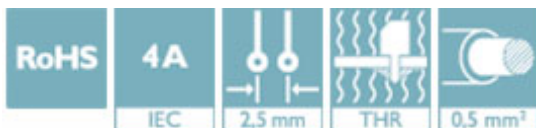


PCB headers, nominal current: 4 A, number of positions: 7, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: THR soldering, Standard component made of highly temperature resistant plastic; suitable for reflow process. User information and design recommendations on Through Hole Reflow Technology can be found at: "Downloads".

The figure shows a 10-position version of the product

## Your advantages

- Designed for integration into the SMT soldering process
- Conductor connection on several levels enables higher contact density



## Key Commercial Data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	
GTIN	4017918912505

## Technical data

### Dimensions

Length [ l ]	17.5 mm
Width	19.4 mm
Pitch	2.5 mm
Dimension a	15 mm
Width [ w ]	19.4 mm
Height [ h ]	25.65 mm
Height	21.85 mm
Length of the solder pin	3.8 mm
Pin dimensions	0.8 x 0.8 mm
Pin spacing	2.50 mm
Length	17.5 mm

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## Technical data

### General

Range of articles	MCD 0,5/...G1-HT
Insulating material group	IIIa
Rated surge voltage (III/3)	1.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	32 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	160 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	4 A
Maximum load current	4 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	black
Number of positions	7

### Standards and Regulations

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

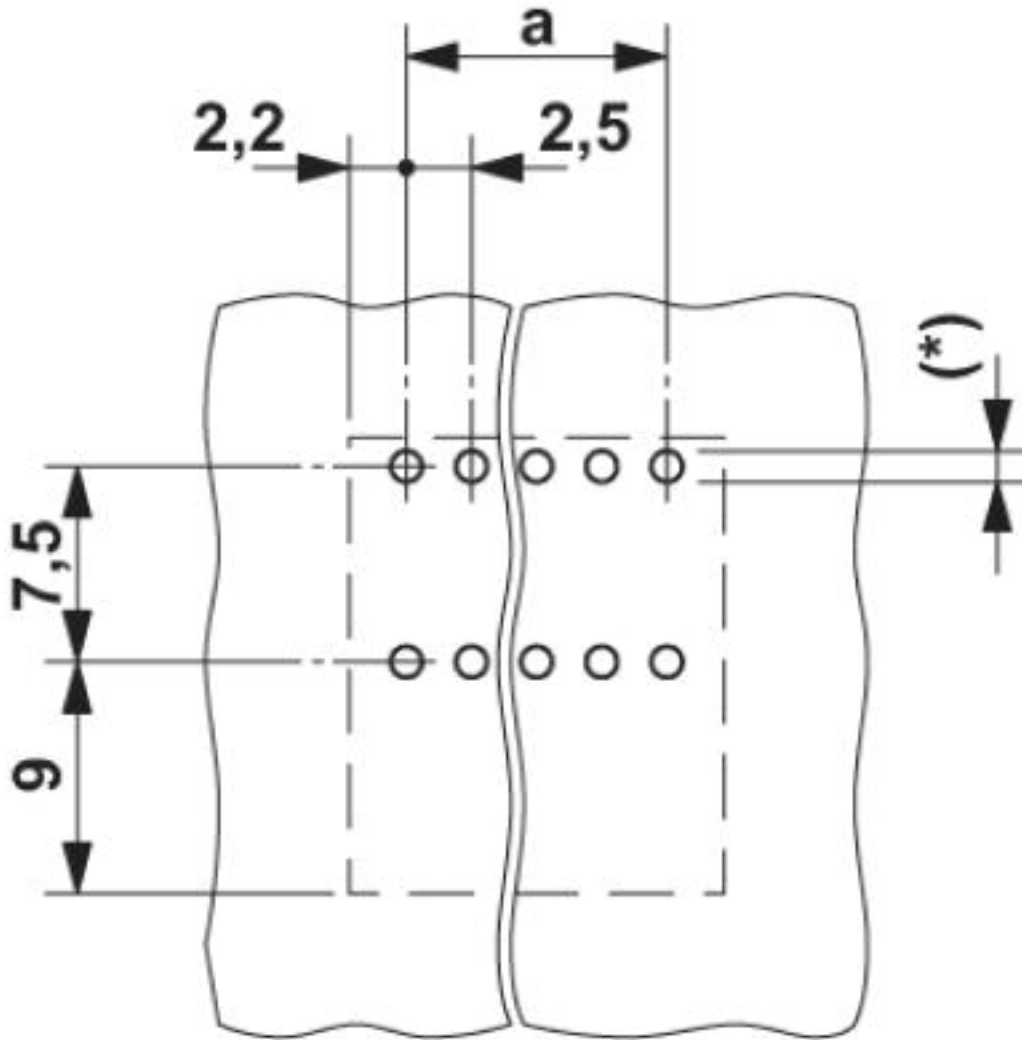
### Environmental Product Compliance

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

## Drawings

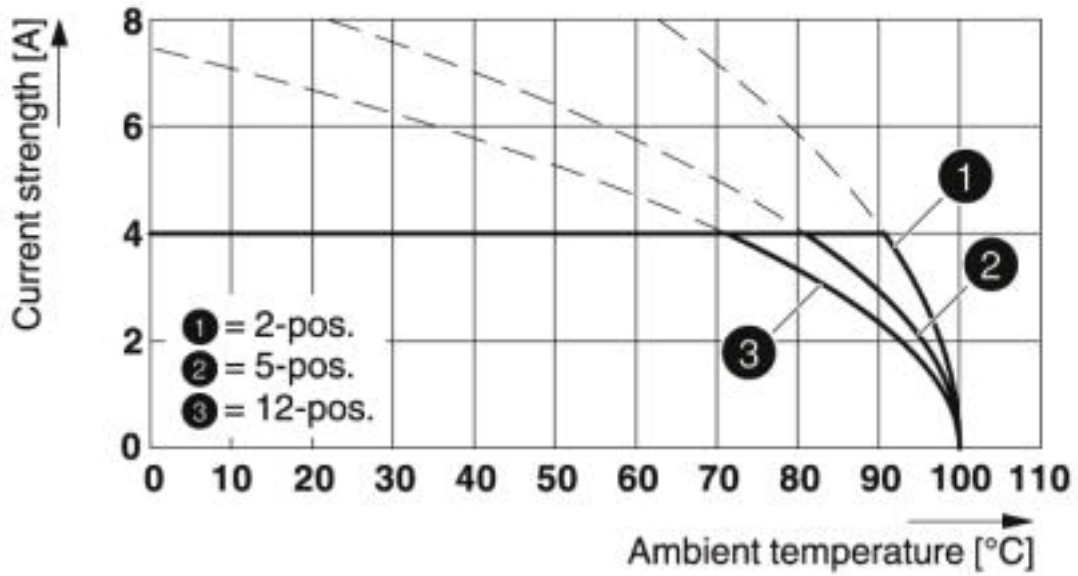
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Drilling diagram



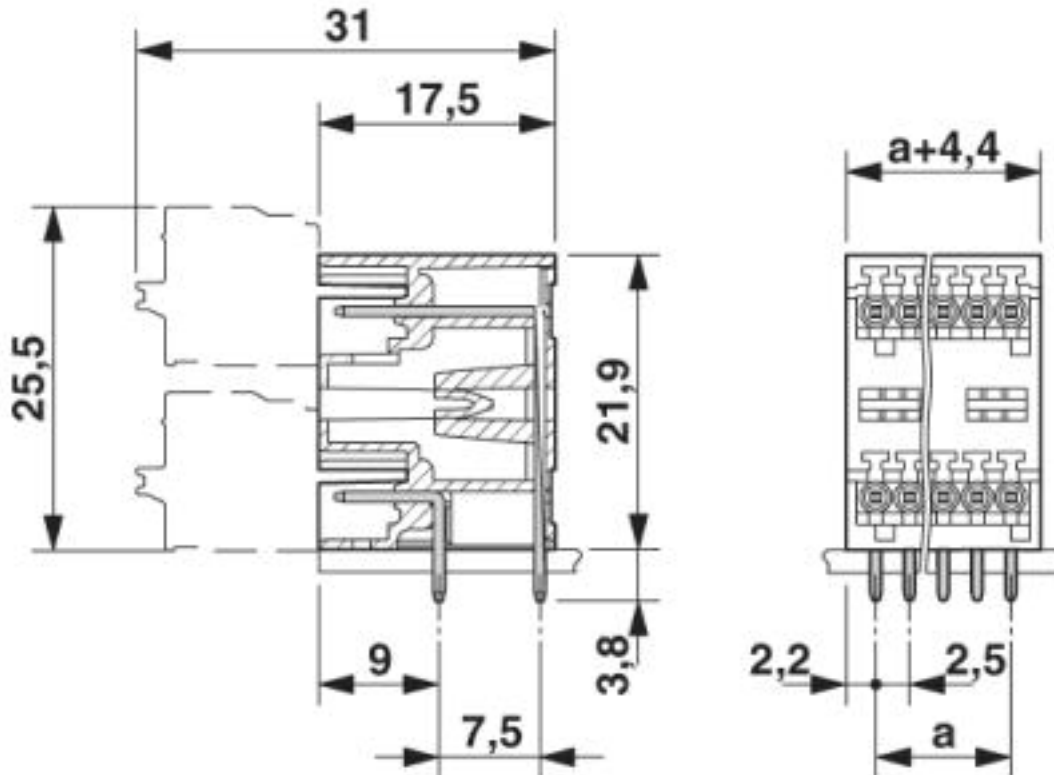
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Diagram



Type: FK-MC 0,5/...-ST-2,5 with MCD 0,5/...-G1-2,5 HT BK

Dimensional drawing



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## Approvals

### Approvals


#### Approvals


CCA / IECCEB CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC


#### Ex Approvals

### Approval details

CCA	CCA/ DE1 34250
Nominal voltage UN	32 V
Nominal current IN	4 A

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-56068-B1B2
Nominal voltage UN	32 V		
Nominal current IN	4 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>	40013394
Nominal voltage UN	32 V		
Nominal current IN	4 A		

EAC		B.01742
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