

# MC 1,5/ 9-G-3,5 THT - PCB header



1937567

<https://www.phoenixcontact.com/us/products/1937567>

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PCB headers, color: black, contact surface: Tin, number of positions: 9, product range: MC 1,5/..-G-THT, pitch: 3.5 mm, pin layout: Linear pinning, solder pin [P]: 3.4 mm, type of packaging: packed in cardboard, For user information and design recommendations for through-hole reflow technology, go to: Downloads



## Commercial data

Item number	1937567
Packing unit	1 pc
Minimum order quantity	50 pc
Note	Made to order (non-returnable)
Sales key	AA01
Product key	AAB1GJ
Catalog page	Page 196 (CC-2011)
GTIN	4017918890230
Weight per piece (including packing)	3.694 g
Weight per piece (excluding packing)	3.666 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Product properties

Type	Component suitable for through hole reflow
Product type	PCB headers
Product family	MC 1,5/..-G-THT
Number of positions	9
Pitch	3.5 mm
Mounting flange	without
Pin layout	Linear pinning

### Electrical properties

Maximum load current	8 A (per position)
Rated voltage (II/2)	250 V
Rated voltage (III/2)	160 V
Rated surge voltage (II/2)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (III/3)	2.5 kV

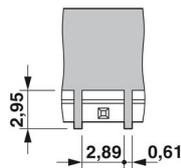
### Mounting

Mounting type	THR soldering
Pin layout	Linear pinning

### Material specifications

Color	black
Flammability rating according to UL 94	V0
Insulating material group	IIIa
Insulating material	PA-GF
Contact surface	Tin Sn
Contact surface material	Sn

### Dimensions

Dimensional drawing	
Width	32.9 mm
Height	10.65 mm
Installed height	7.25 mm
Length of the solder pin	3.4 mm
Length	9.2 mm
Length of the solder pin	3.4 mm

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Hole diameter	1.4 mm
Pitch	3.5 mm

## Packaging specifications

Type of packaging	packed in cardboard
Outer packaging type	Dry bag

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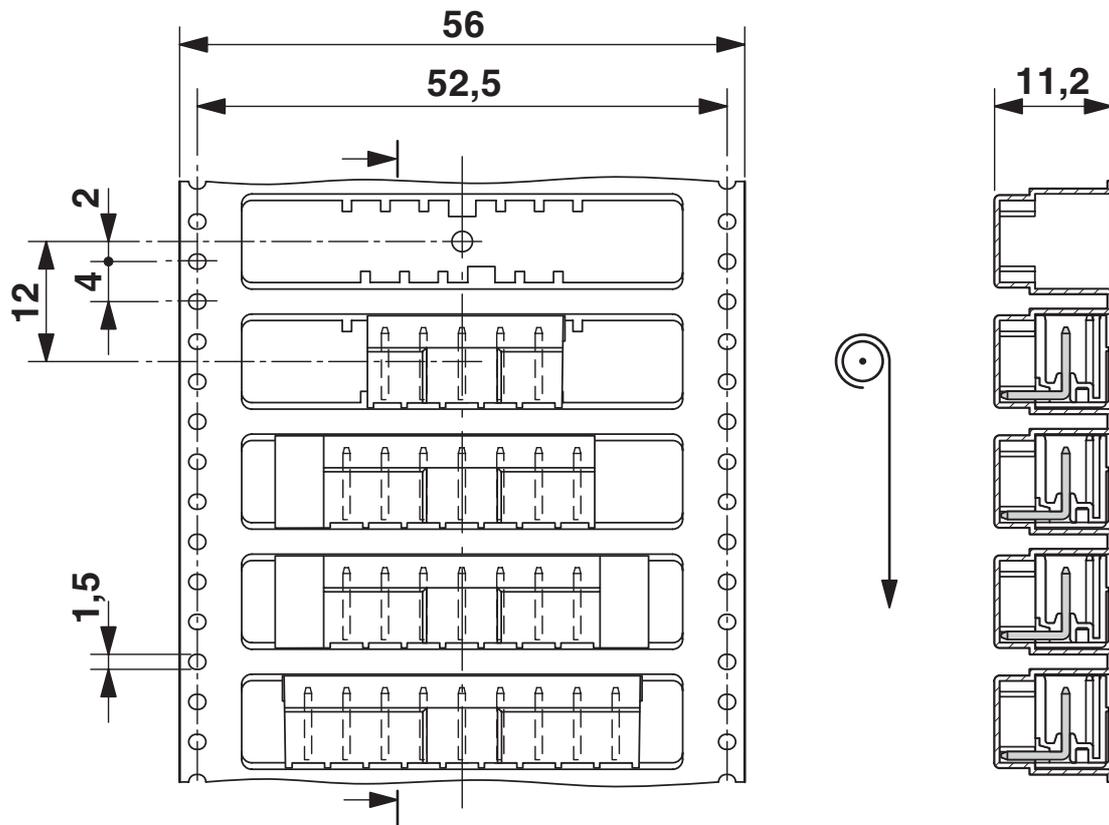
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## Drawings

Dimensional drawing

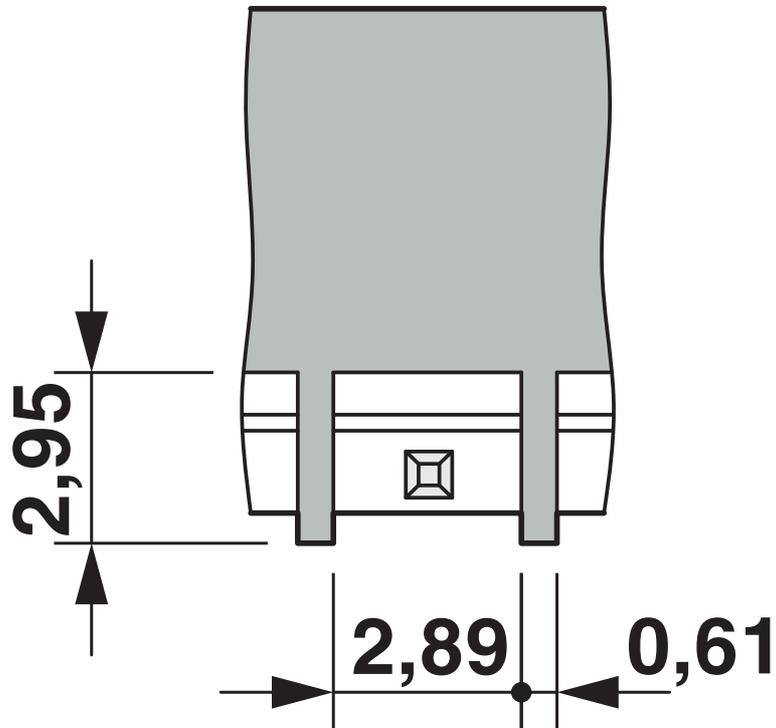


# MC 1,5/ 9-G-3,5 THT - PCB header

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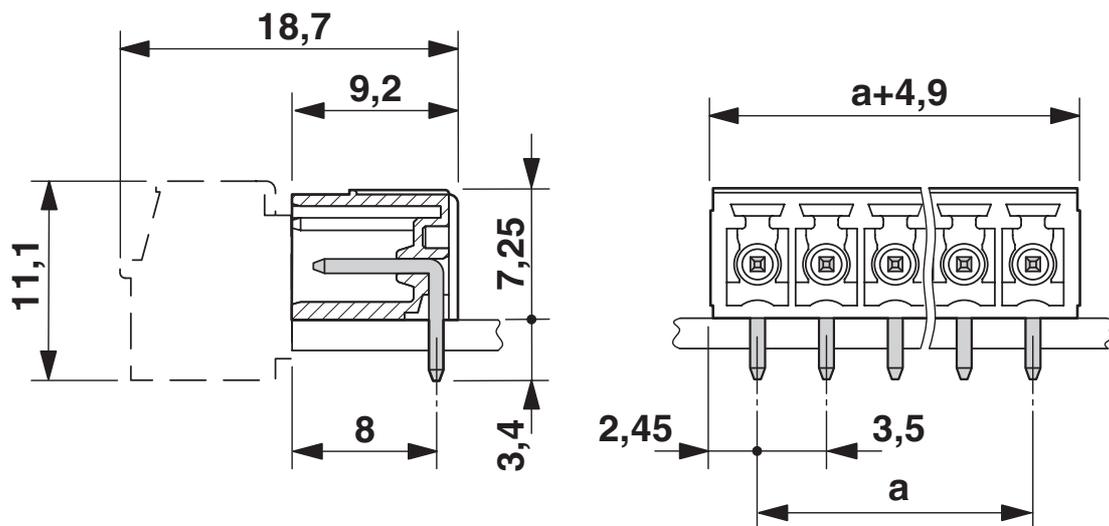
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Dimensional drawing



Bottom view, free space for solder paste, 0.3 mm deep

Dimensional drawing



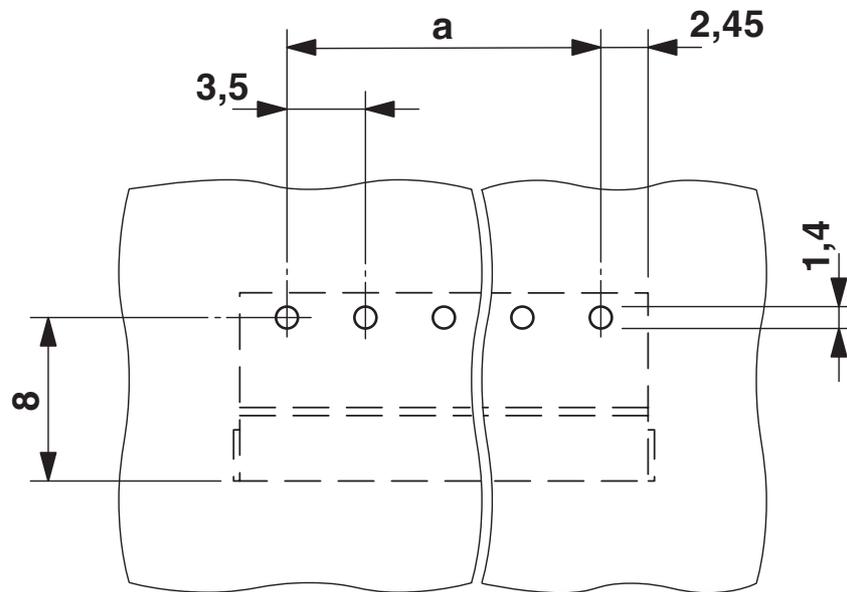
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Drilling plan/solder pad geometry



# MC 1,5/ 9-G-3,5 THT - PCB header



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1937567>



**EAC**

Approval ID: B.01687



**cULus Recognized**

Approval ID: E60425-20110128

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
Use group B				
	300 V	8 A	-	-
Use group D				
	300 V	8 A	-	-



**VDE Zeichengenehmigung**

Approval ID: 40011723

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	160 V	8 A	-	-

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## Environmental product compliance

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

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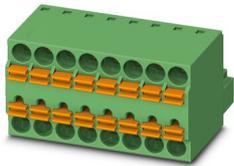
<https://www.phoenixcontact.com/us/products/1937567>

## Accessories

### TFMC 1,5/ 9-ST-3,5 - Printed-circuit board connector

1772689

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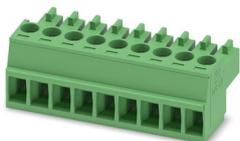
PCB connector, nominal cross section: 1.5 mm<sup>2</sup>, color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, contact connection type: Socket, number of potentials: 9, number of rows: 1, number of positions: 9, number of connections: 18, product range: TFMC 1,5/...-ST, pitch: 3.5 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, plug-in system: COMBICON MC 1,5, locking: without, mounting: without, type of packaging: packed in cardboard

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### MC 1,5/ 9-ST-3,5 - PCB connector

1840434

<https://www.phoenixcontact.com/us/products/1840434>



PCB connector, nominal cross section: 1.5 mm<sup>2</sup>, color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, contact connection type: Socket, number of potentials: 9, number of rows: 1, number of positions: 9, number of connections: 9, product range: MC 1,5/...-ST, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, plug-in system: COMBICON MC 1,5, locking: without, mounting: without, type of packaging: packed in cardboard

# MC 1,5/ 9-G-3,5 THT - PCB header

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## MCVW 1,5/ 9-ST-3,5 - PCB connector

1862920

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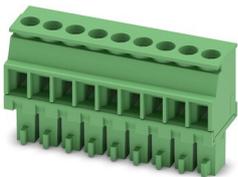
PCB connector, nominal cross section: 1.5 mm<sup>2</sup>, color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, contact connection type: Socket, number of potentials: 9, number of rows: 1, number of positions: 9, number of connections: 9, product range: MCVW 1,5/...-ST, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: -90 °, plug-in system: COMBICON MC 1,5, locking: without, mounting: without, type of packaging: packed in cardboard

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## MCVR 1,5/ 9-ST-3,5 - PCB connector

1863220

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PCB connector, nominal cross section: 1.5 mm<sup>2</sup>, color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, contact connection type: Socket, number of potentials: 9, number of rows: 1, number of positions: 9, number of connections: 9, product range: MCVR 1,5/...-ST, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 90 °, plug-in system: COMBICON MC 1,5, locking: without, mounting: without, type of packaging: packed in cardboard

# MC 1,5/ 9-G-3,5 THT - PCB header

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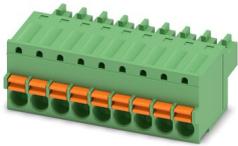
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## FK-MCP 1,5/ 9-ST-3,5 - PCB connector

1939976

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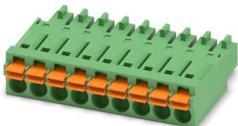


PCB connector, nominal cross section: 1.5 mm<sup>2</sup>, color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, contact connection type: Socket, number of potentials: 9, number of rows: 1, number of positions: 9, number of connections: 9, product range: FK-MCP 1,5/...-ST, pitch: 3.5 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, plug-in system: COMBICON MC 1,5, locking: without, mounting: without, type of packaging: packed in cardboard

## FMC 1,5/ 9-ST-3,5 - Printed-circuit board connector

1952335

<https://www.phoenixcontact.com/us/products/1952335>



PCB connector, nominal cross section: 1.5 mm<sup>2</sup>, color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, contact connection type: Socket, number of potentials: 9, number of rows: 1, number of positions: 9, number of connections: 9, product range: FMC 1,5/...-ST, pitch: 3.5 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, plug-in system: COMBICON MC 1,5, locking: without, mounting: without, type of packaging: packed in cardboard

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