

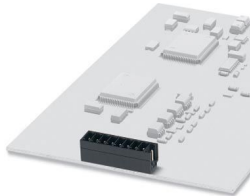
MCV 1,5/ 7-GR-3,5 THT - PCB header



1961850

<https://www.phoenixcontact.com/us/products/1961850>

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PCB headers, color: black, contact surface: Tin, number of positions: 7, product range: MCV 1,5/..-GR-THT, pitch: 3.5 mm, pin layout: Linear pinning, solder pin [P]: 3.4 mm, type of packaging: packed in cardboard, Two-in-one – Pin strips must always be made up of a left (L) and a right (R) segment. Please allow for the corresponding counterpart from the accessories to complete the THR pin strip. User information and design recommendations on Through Hole Reflow Technology can be found at: "Downloads".

Commercial data

Item number	1961850
Packing unit	50 pc
Minimum order quantity	50 pc
Note	Made to order (non-returnable)
Sales key	AA02
Product key	AAB1GN
Catalog page	Page 97 (CC-2005)
GTIN	4017918916176
Weight per piece (including packing)	3.12 g
Weight per piece (excluding packing)	2.774 g
Customs tariff number	85366930
Country of origin	DE

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Technical data

Product properties

Product type	PCB headers
Product family	MCV 1,5/...-GR-THT
Type	Component suitable for through hole reflow
Number of positions	7
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

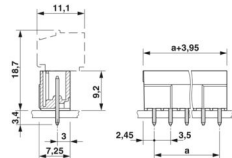
Mounting

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
Contact surface	Tin Sn
Contact surface material	Sn

Dimensions

Dimensional drawing	
Height	9.2 mm
Installed height	10 mm
Length of the solder pin	3.4 mm
Length	7.25 mm
Length of the solder pin	3.4 mm
Hole diameter	1.3 mm

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Pitch	3.5 mm
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PCB design

Pin spacing	3.50 mm
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Packaging specifications

Type of packaging	packed in cardboard
Outer packaging type	Dry bag

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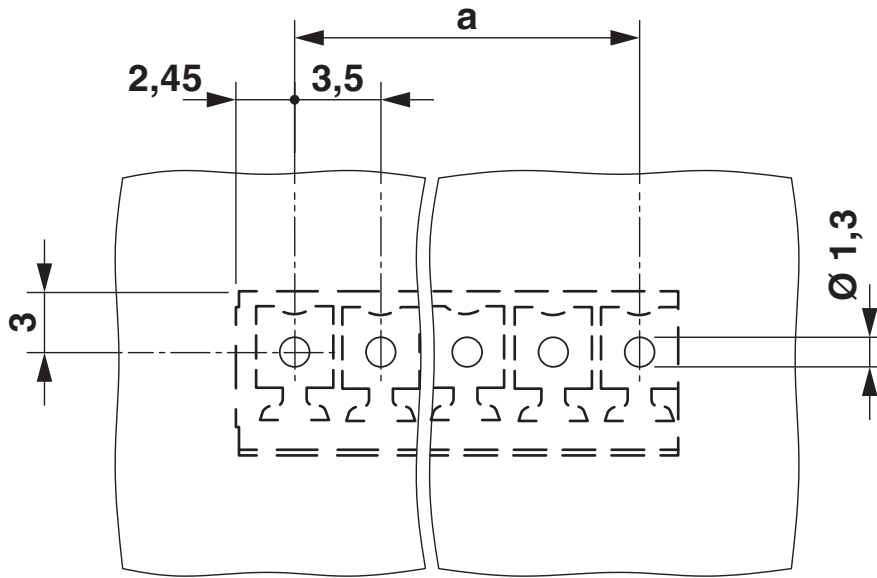
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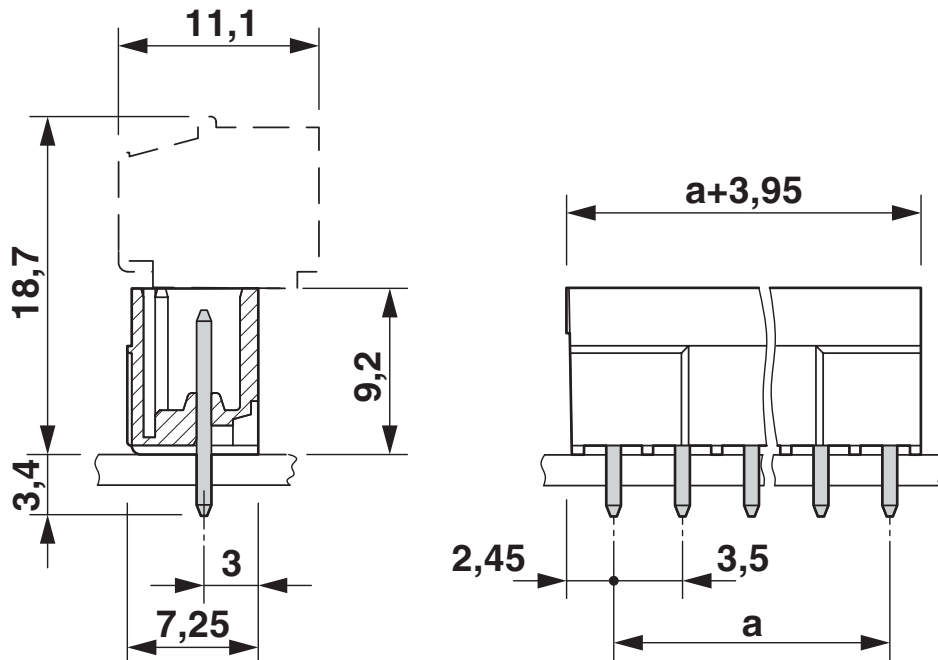


Drawings

Drilling plan/solder pad geometry



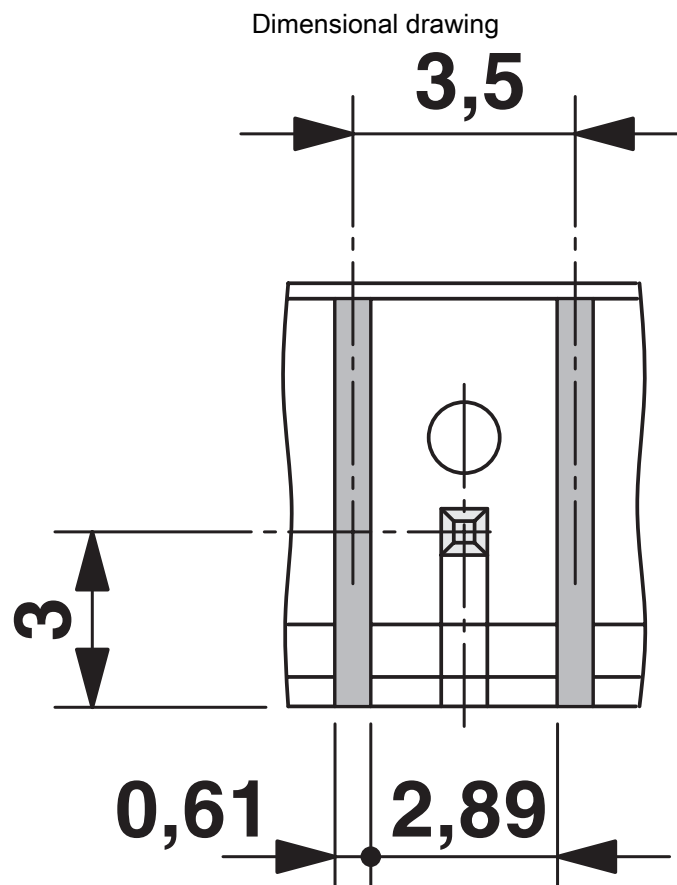
Dimensional drawing



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1961850>

 cULus Recognized Approval ID: E60425-20110128				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B				
	300 V	8 A	-	-
Use group D				
	300 V	8 A	-	-

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Classifications

ECLASS

ECLASS-11.0	27460201
ECLASS-12.0	27460201
ECLASS-13.0	27460201

ETIM

ETIM 9.0	EC002637
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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Accessories

CP-MSTB - Coding profile

1734634

<https://www.phoenixcontact.com/us/products/1734634>

Coding profile, is inserted into the slot on the plug or inverted header, red insulating material



CP-MSTB NAT HT - Coding profile

1954359

<https://www.phoenixcontact.com/us/products/1954359>

Coding profile, for insertion between the coding ribs of the connector and the header following the reflow soldering process, insulating material, color: natural



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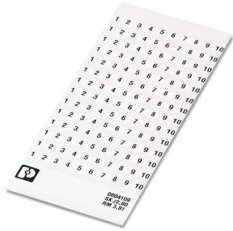
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SK 3,81/2,8:FORTL.ZAHLEN - Marker card

0804109

<https://www.phoenixcontact.com/us/products/0804109>



Marker card, Sheet, white, labeled, horizontal: consecutive numbers 1 ... 10, 11 .
.. 20, etc. up to 91 ... (99)100, mounting type: adhesive, for terminal block width:
3.81 mm, lettering field size: 3.81 x 2.8 mm, Number of individual labels: 14

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com