

MCV 1,5/ 7-GR-3,5 THT-R56 - PCB header



1997426

<https://www.phoenixcontact.com/us/products/1997426>

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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: 56 mm wide tape, For user information and design recommendations for through-hole reflow technology, go to: Downloads

Commercial data

Item number	1997426
Packing unit	200 pc
Minimum order quantity	200 pc
Note	Made to order (non-returnable)
Product key	AAB1GN
Catalog page	Page 107 (NTK-2005)
GTIN	4017918988784
Weight per piece (including packing)	4.93 g
Weight per piece (excluding packing)	4 g
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

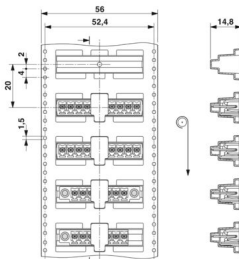
Processing notes

Process	Reflow/wave soldering
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Material specifications

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

Dimensions

Dimensional drawing	
Installed height	12.6 mm
Height	9.2 mm

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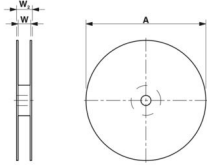


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Length of the solder pin	3.4 mm
Length	7.25 mm
Length of the solder pin	3.4 mm
Hole diameter	1.3 mm
Pitch	3.5 mm

Packaging specifications

Dimensional drawing	
Type of packaging	56 mm wide tape
[W] tape width	56 mm
[W2] coil overall dimension	62.4 mm
[A] coil diameter	330 mm
Outer packaging type	Dry bag
ESD level	(D) electrostatically conductive
Specification	DIN EN 61340-5-1 (VDE 0300-5-1): 2008-07

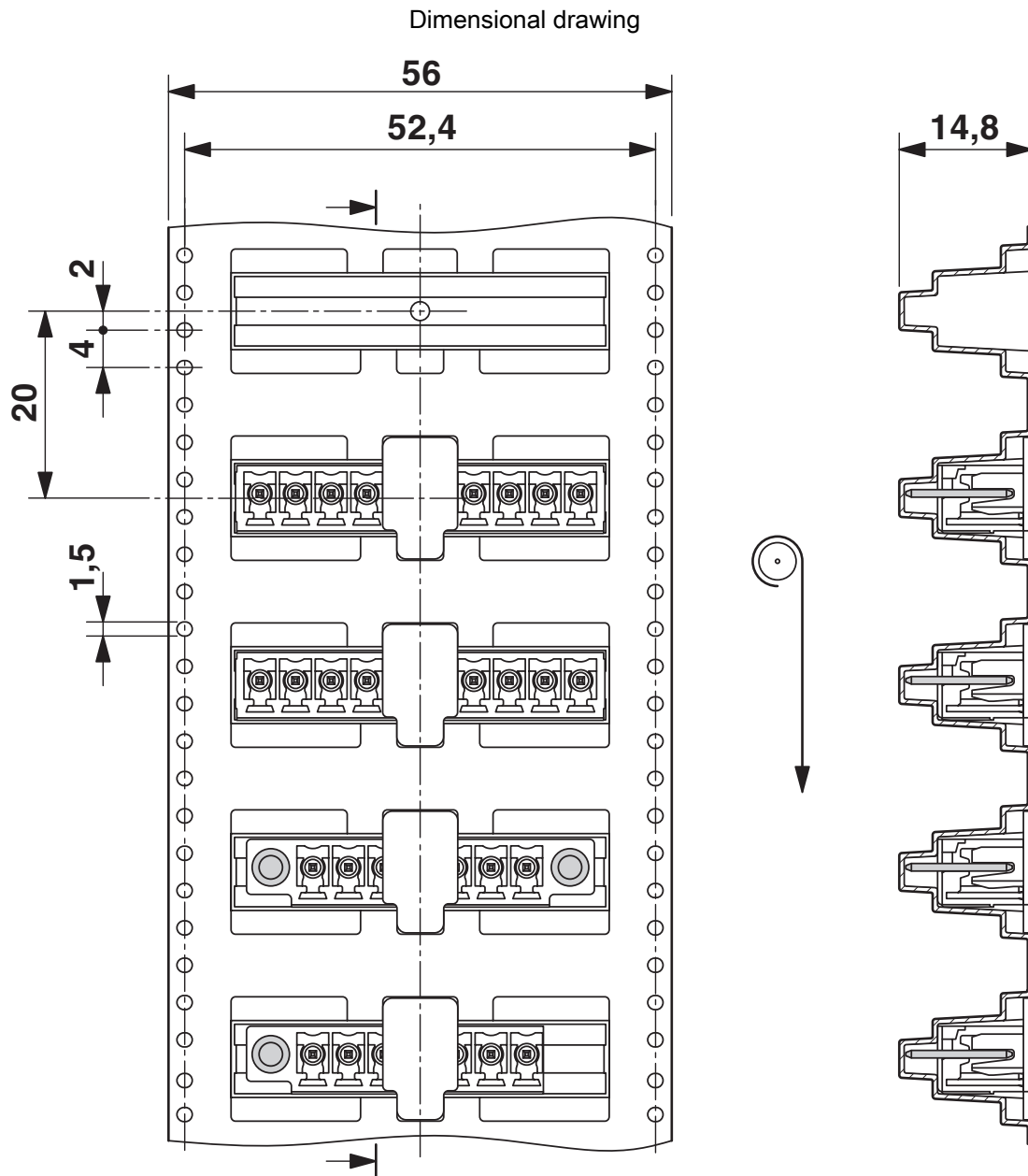
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Drawings



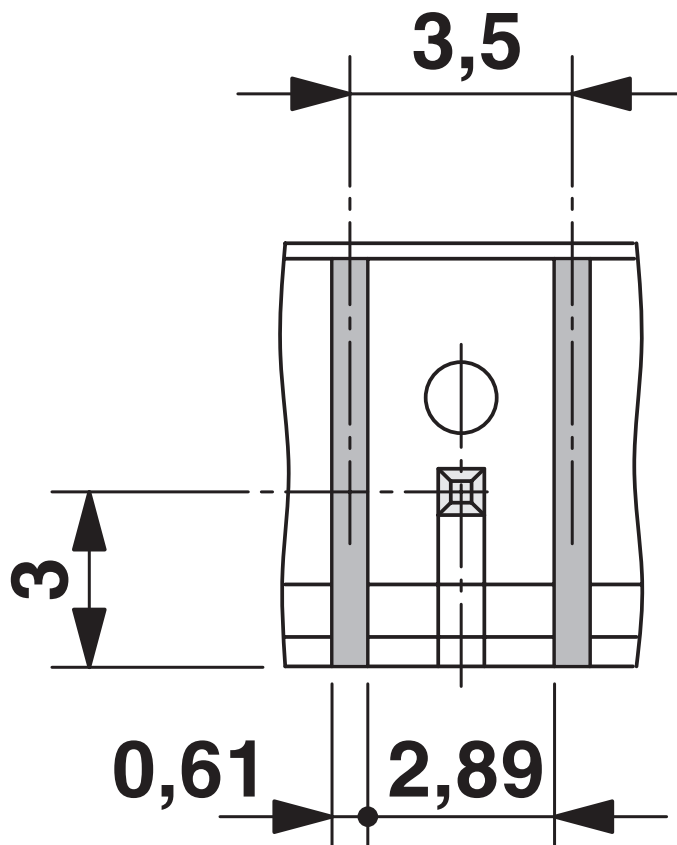
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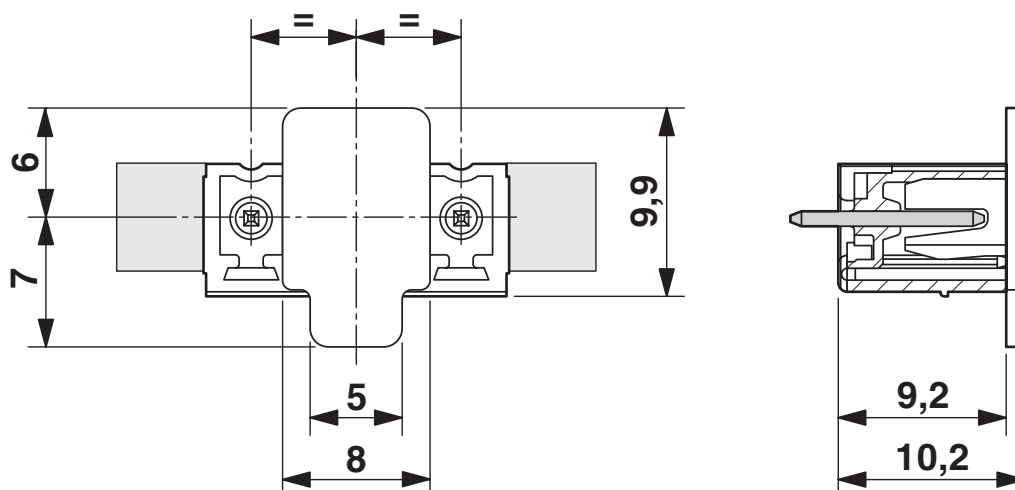
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Dimensional drawing



Dimensional drawing



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1997426>

 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
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

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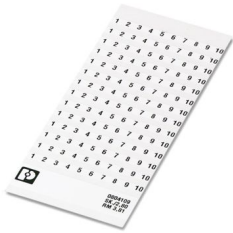
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SK 3,81/2,8:FORTL.ZAHLEN - Marker card

0804109

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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