

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

1937525

<https://www.phoenixcontact.com/pc/products/1937525>



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PCB headers, color: black, contact surface: Tin, number of positions: 5, 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	1937525
Packing unit	50 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	AAB1GJ
Catalog page	Page 196 (CC-2011)
GTIN	4017918895143
Weight per piece (including packing)	2.729 g
Weight per piece (excluding packing)	2.598 g
Customs tariff number	85366930
Country of origin	DE

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Technical data

Product properties

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

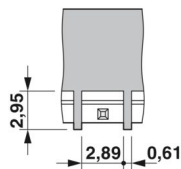
Mounting

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	18.9 mm
Installed height	7.25 mm
Height	10.65 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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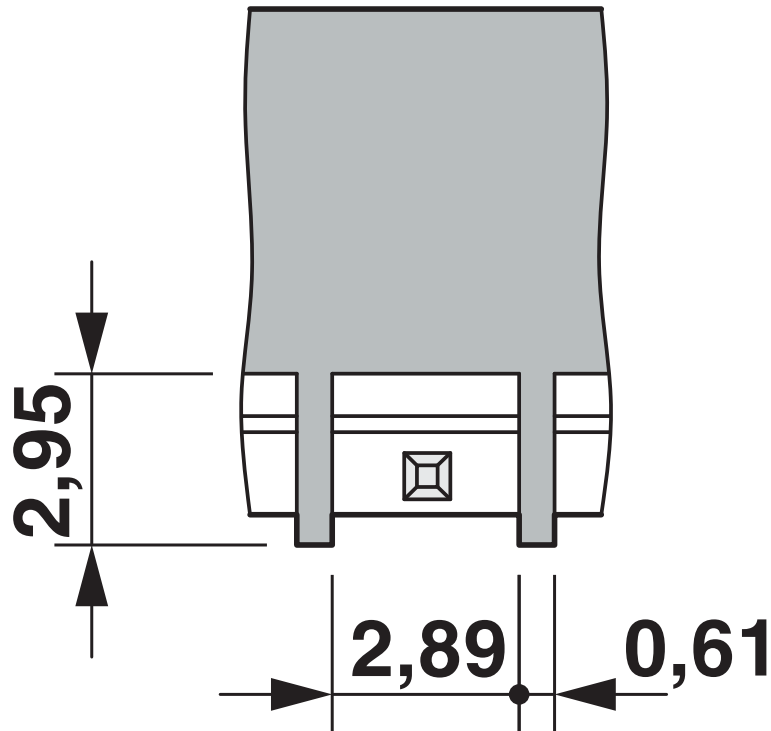
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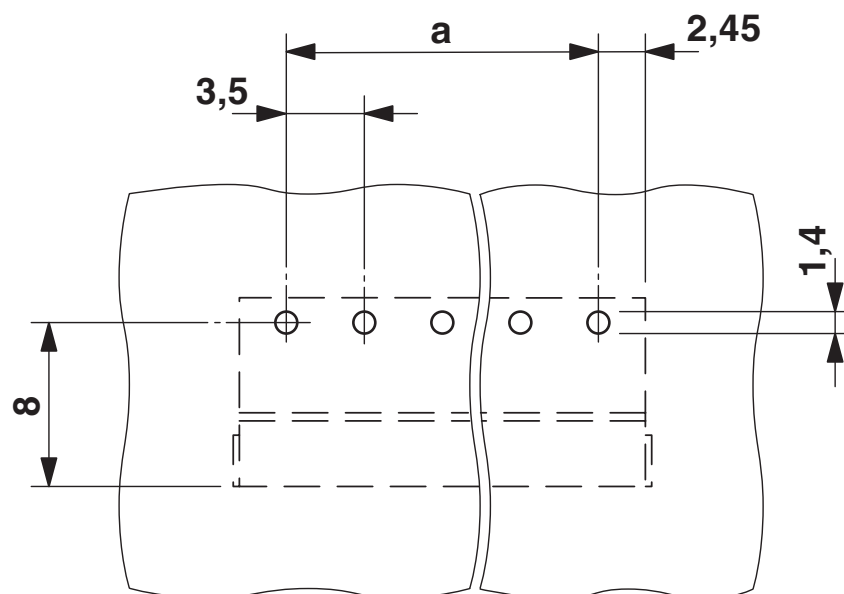
Drawings

Dimensional drawing



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

Drilling plan/solder pad geometry



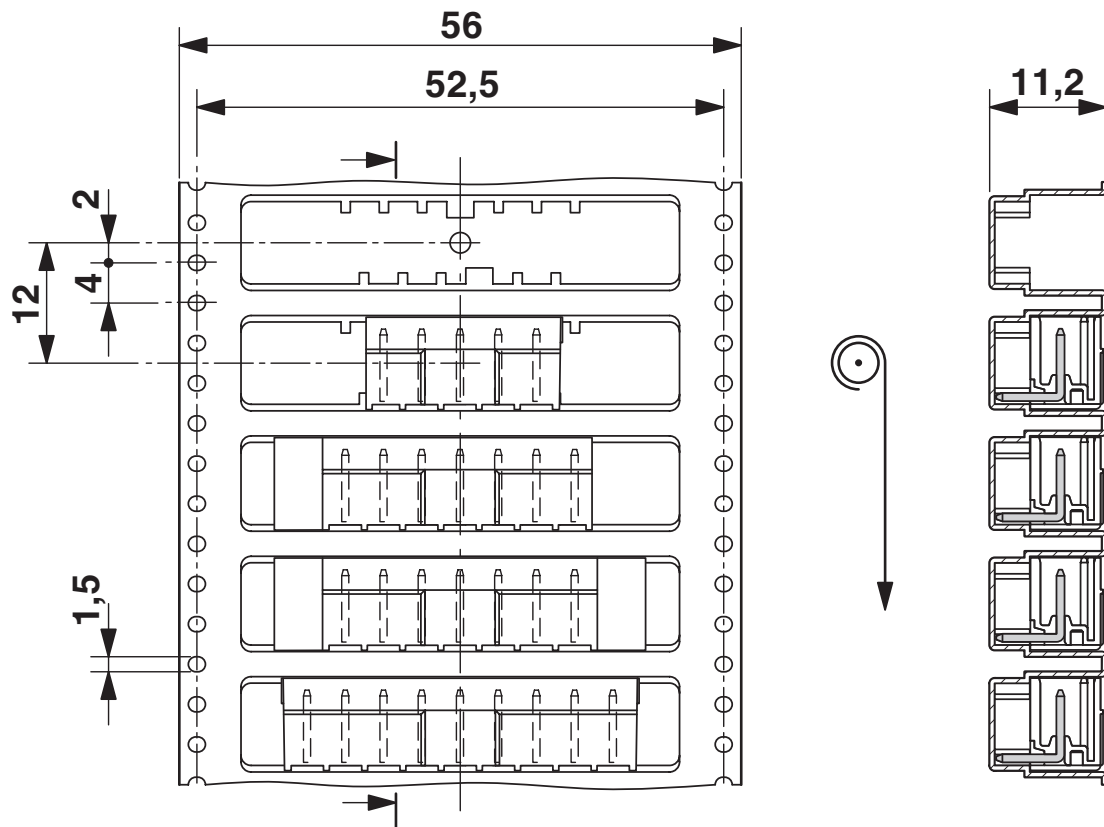
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Dimensional drawing



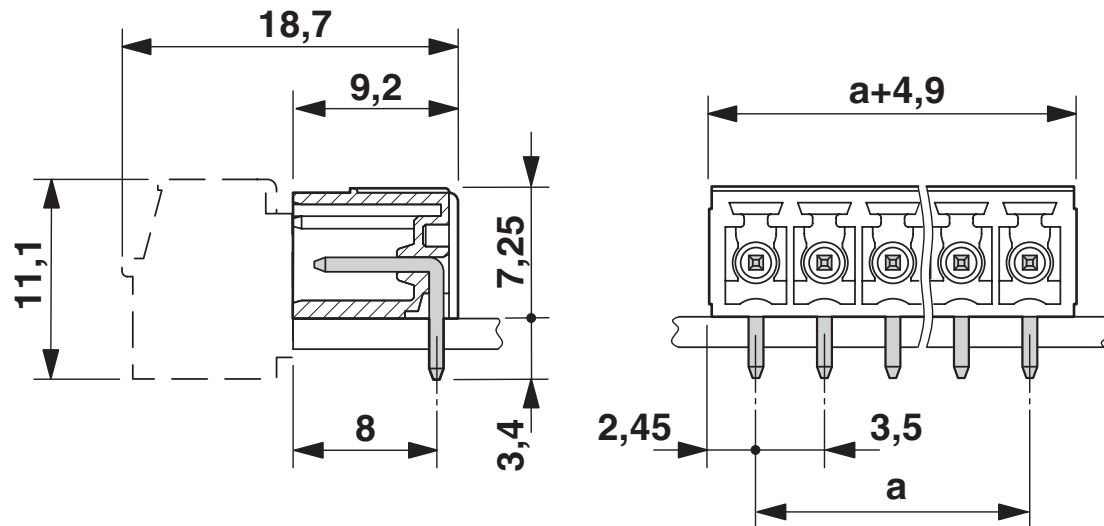
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Dimensional drawing



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/1937525>

 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	-	-

 VDE Zeichengenehmigung Approval ID: 40011723				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	160 V	8 A	-	-

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Classifications

ECLASS

ECLASS-13.0	27460201
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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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