

# 1937525 Datasheet



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DiGi Electronics Part Number	1937525-DG
Manufacturer	<a href="#">Phoenix Contact</a>
Manufacturer Product Number	1937525
Description	TERM BLOCK HDR 5POS 90DEG 3.5MM
Detailed Description	5 Position Terminal Block Header, Male Pins, Shrouded (4 Side) 0.138" (3.50mm) 90°, Right Angle Through Hole

This model 1937525 is available at DiGi Electronics.

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## Purchase and inquiry

**Manufacturer Product Number:**

1937525

**Series:**

COMBICON MC

**Type:**

Header, Male Pins, Shrouded (4 Side)

**Positions Per Level:**

5

**Pitch:**

0.138" (3.50mm)

**Plug Wire Entry:**

-

**Mounting Type:**

Through Hole

**Voltage - IEC:**

250 V

**Voltage - UL:**

300 V

**Wire Gauge or Range - mm<sup>2</sup>:**

-

**Operating Temperature:**

-

**Features:**

-

**Ingress Protection:**

-

**Torque - Screw:**

-

**Contact Material:**

-

**Contact Tail Length:**

0.134" (3.40mm)

**Manufacturer:**

Phoenix Contact

**Product Status:**

Obsolete

**Number of Positions:**

5

**Number of Levels:**

1

**Header Orientation:**

90°, Right Angle

**Termination Style:**

Solder

**Current - IEC:**

8A per Position

**Current - UL:**

8 A

**Wire Gauge or Range - AWG:**

-

**Color:**

Black

**Contact Mating Finish:**

Tin

**Material Flammability Rating:**

UL94 V-0

**Screw Size:**

-

**Wire Strip Length:**

-

**Housing Material:**

Polyamide (PA), Nylon, Glass Filled

**Insulation Height:**

0.285" (7.25mm)

## Environmental & Export classification

**RoHS Status:**

ROHS3 Compliant

**REACH Status:**

REACH Unaffected

**HTSUS:**

8536.69.4040

**Moisture Sensitivity Level (MSL):**

3 (168 Hours)

**ECCN:**

EAR99

## Base strip - MC 1.5/ 5-G-3.5-THT - 1937525

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.5 mm, Color: Black, Contact surface: Tin, Assembly: SMD/THT/THR, User information and design recommendations on through hole reflow technology can be found at: <http://www.combicon.com>




The figure shows a 10-position version of the product

### Why buy this product

- Plug-in direction parallel to the PCB
- 3.5 mm pitch
- Low-profile THR headers with a compact pitch
- Delivery form: box packaging, in bulk for small series
- Delivery form: tape-on-reel packing according to IEC 60286-3 for automated mounting
- Use in SMT reflow processes



### Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 196 (CC-2011)
GTIN	 4 017918 895143
Custom tariff number	85366990
Country of origin	GERMANY

### Technical data

#### Dimensions / positions

Length	9.2 mm
Pitch	3.5 mm
Dimension a	14 mm
Number of positions	5
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.4 mm

#### Technical data

Range of articles	MC 1,5/...G-THT
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## Base strip - MC 1.5/ 5-G-3.5-THT - 1937525

### Technical data

#### Technical data

Insulating material group	IIIa
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/2)	160 V
Rated voltage (II/2)	250 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	8 A
Nominal voltage U <sub>N</sub>	160 V
Maximum load current	8 A (per position)
Insulating material	PA-GF
Inflammability class according to UL 94	V0
Color	Black
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	8 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	8 A

### Classifications

#### eclass

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402

#### etim

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637

#### unspsc

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

### Approvals

#### Approvals

## Base strip - MC 1.5/ 5-G-3.5-THT - 1937525

### Approvals


#### Approvals

VDE report with production monitoring / GOST / IECCEB Scheme / UL Recognized / cUL Recognized / GOST / cULus Recognized

#### Ex Approvals


#### Approvals submitted


### Approval details

VDE report with production monitoring 	
Nominal current I <sub>N</sub>	8 A
Nominal voltage U <sub>N</sub>	160 V

GOST 
--

IECCEB Scheme	
Nominal current I <sub>N</sub>	8 A
Nominal voltage U <sub>N</sub>	160 V

UL Recognized 		
	B	D
Nominal current I <sub>N</sub>	8 A	8 A
Nominal voltage U <sub>N</sub>	300 V	300 V

cUL Recognized 		
	B	D
Nominal current I <sub>N</sub>	8 A	8 A
Nominal voltage U <sub>N</sub>	300 V	300 V

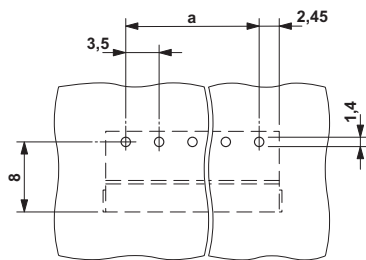
# Base strip - MC 1.5/ 5-G-3.5-THT - 1937525

## Approvals

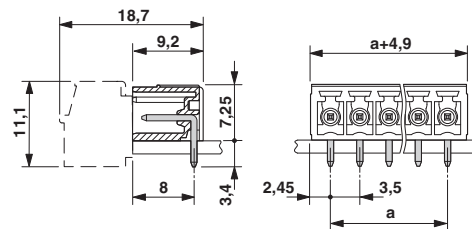


## Drawings

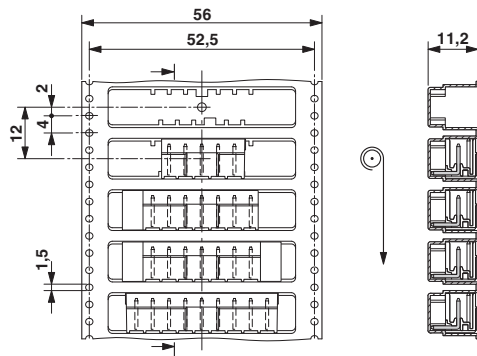
Drilling diagram



Dimensioned drawing

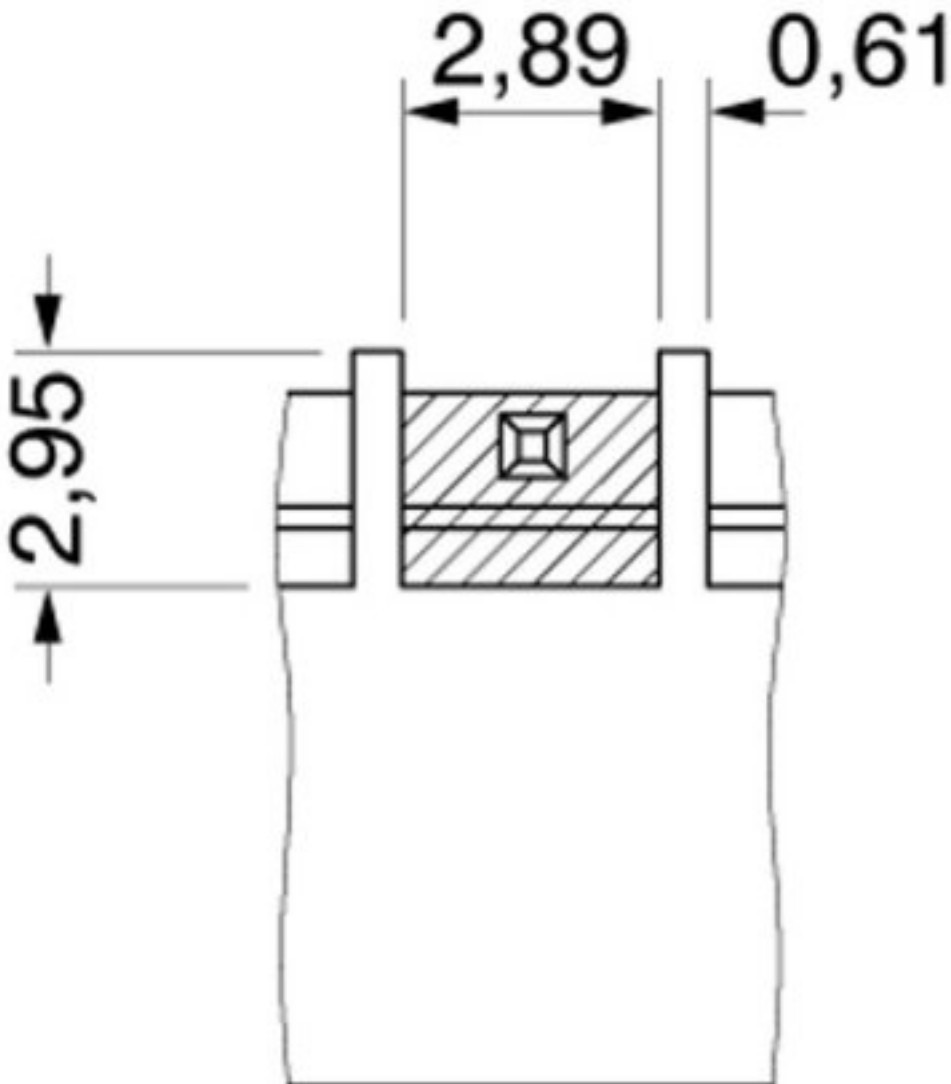


Dimensioned drawing



## Base strip - MC 1.5/ 5-G-3.5-THT - 1937525

Dimensioned drawing



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

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