

## Excellent Integrated System Limited

Stocking Distributor

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[Phoenix Contact](#)  
[1707104](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

https://www.phoenixcontact.com/us/products/1707104



## Base strip - MCV 1,5/12-G-3,81 P14 THR - 1707104

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: black, Contact surface: Tin, Assembly: SMD/THT/THR, User information and design recommendations for through hole reflow technology can be found under "Downloads"



The figure shows a 10-position version of the product

### Product Features

- ✓ Pitch: 3.5 and 3.81 mm
- ✓ Plug-in direction vertical to the PCB
- ✓ Delivery form: box packaging, in bulk for small series
- ✓ Low-profile THR headers with compact pitches
- ✓ Use in SMT reflow processes



### Key commercial data

Packing unit	1 pc
Minimum order quantity	50 pc
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	7.25 mm
Pitch	3.81 mm
Dimension a	41.91 mm
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.4 mm

#### General

Range of articles	MCV 1,5/...-G-THR
Insulating material group	IIIa

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### Technical data

#### General

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/3)	160 V
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
Maximum load current	8 A
Insulating material	LCP
Inflammability class according to UL 94	V0
Color	black
Number of positions	12

### Classifications

#### eCl@ss

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
eCl@ss 8.0	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

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### Approvals

Approvals

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Approvals

UL Recognized / cUL Recognized / cULus Recognized

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Ex Approvals


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Approvals submitted

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### Approval details

UL Recognized 		
	B	D
Nominal current IN	8 A	8 A
Nominal voltage UN	300 V	300 V

cUL Recognized 		
	B	D
Nominal current IN	8 A	8 A
Nominal voltage UN	300 V	300 V

cULus Recognized 		
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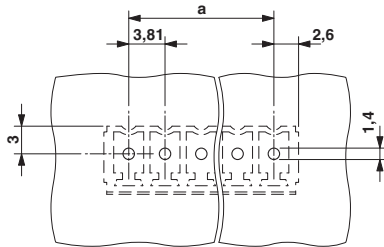
### Drawings

<https://www.phoenixcontact.com/us/products/1707104>

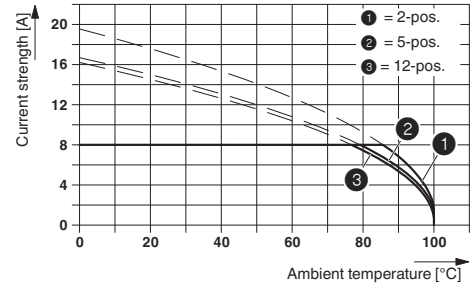


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Drilling diagram



Diagram



Dimensioned drawing

