

# Printed-circuit board connector - MC 1,5/ 5-GF-3,81 P14 THRR56 - 1782161

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: black, Contact surface: Tin, Assembly: SMD/THT/THR

The illustration shows the 10-position version

## Product Features

- Low-profile THR headers with a compact pitch
- Plug-in direction parallel to the PCB
- Pitch: 3.81 mm
- 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 pc
Minimum order quantity	470 pc
Custom tariff number	85366990
Country of origin	Germany

## Technical data

### Dimensions

Length	9.2 mm
Pitch	3.81 mm
Dimension a	15.24 mm
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.4 mm

### General

Range of articles	MC 1,5/...-GF-THR
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## Technical data

### General

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/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
Insulating material	LCP
Inflammability class according to UL 94	V0
Color	black
Number of positions	5

## 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 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

# Printed-circuit board connector - MC 1,5/ 5-GF-3,81 P14 THRR56 - 1782161

## Approvals

Approvals

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Approvals

UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized


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Ex Approvals


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Approvals submitted

## Approval details

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

GOST 		
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GOST 		
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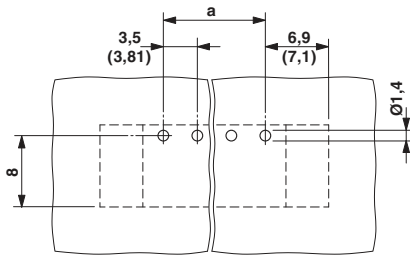
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## Approvals



## Drawings

Drilling diagram



Dimensioned drawing

