

# Printed-circuit board connector - MCV 1,5/10-GF-3,5 P14 THRR72 - 1780105

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 10, Pitch: 3.5 mm, Color: black, Contact surface: Tin, Mounting: Taped SMD/THT/THR components, User information and design recommendations for through hole reflow technology can be found under "Downloads"

## Why buy this product

- Pitch: 3.5 and 3.81 mm
- Plug-in direction vertical to the PCB
- Low-profile THR headers with compact pitches
- Use in SMT reflow processes



## Key commercial data

Packing unit	180 pc
Minimum order quantity	180 pc
GTIN	 4 046356 532655
Weight per Piece (excluding packing)	5.38 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

## Technical data

### Dimensions

Length	6.9 mm
Pitch	3.5 mm
Dimension a	31.5 mm
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.4 mm

### General

Range of articles	MCV 1,5/...GF-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 $I_N$	8 A
Maximum load current	8 A
Insulating material	LCP
Inflammability class according to UL 94	V0
Color	black
Number of positions	10

## 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

## Approvals

### Approvals

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## Approvals

Approvals

UL Recognized / cUL Recognized / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

Ex Approvals

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

VDE Gutachten mit Fertigungsüberwachung	
Nominal current I <sub>N</sub>	8 A
Nominal voltage U <sub>N</sub>	160 V

EAC

cULus Recognized
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## Accessories

Accessories

# Printed-circuit board connector - MCV 1,5/10-GF-3,5 P14 THRR72 - 1780105

Accessories

Coding element

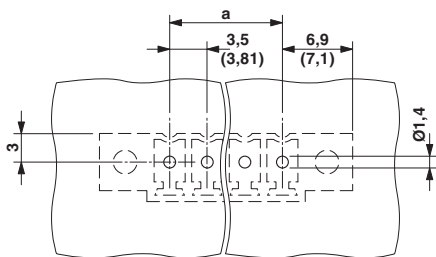
Coding profile - CP-MSTB - 1734634

Coding profile, is inserted into the slot on the plug or inverted header, red insulating material

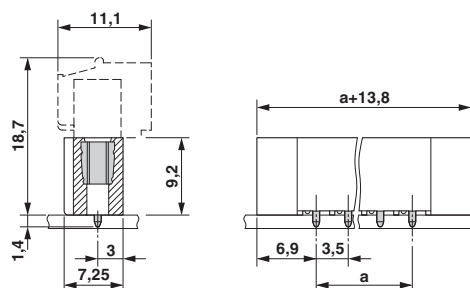


## Drawings

Drilling diagram



Dimensioned drawing



Diagram

