



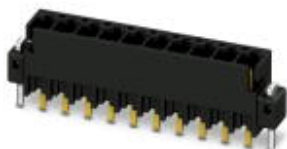
Automatización Eléctrica
Especialistas en Automatización

At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking [HERE](#). [HERE](#)

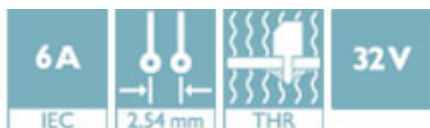
Printed-circuit board connector - MCV 0,5/11-G-2,54 P20 THR R56 - 1821481

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://phoenixcontact.com/download>)

Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 11, Pitch: 2.54 mm, Color: black, Contact surface: Gold, Mounting: THR soldering, Sample values available under SAMPLE MC...



The illustration shows the 10-position version



Key Commercial Data

| | |
|------------------------|---------------------|
| Packing unit | 315 STK |
| Minimum order quantity | 315 STK |
| GTIN | 4 046356 789646 |

Technical data

Dimensions

| | |
|--------------------------|----------------|
| Length | 4.8 mm |
| Pitch | 2.54 mm |
| Dimension a | 25.4 mm |
| Width | 32.48 mm |
| Height | 7.1 mm |
| Length of the solder pin | 2 mm |
| Pin dimensions | 0,64 x 0,64 mm |
| Hole diameter | 1.2 mm |

General

| | |
|-----------------------------|-------------------|
| Range of articles | MCV 0,5/...-G-THR |
| 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 |

Printed-circuit board connector - MCV 0,5/11-G-2,54 P20 THR R56 - 1821481

Technical data

General

| | |
|----------------------------------------|--------|
| Rated voltage (III/3) | 32 V |
| Rated voltage (III/2) | 160 V |
| Rated voltage (II/2) | 160 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I _N | 6 A |
| Insulating material | LCP |
| Flammability rating according to UL 94 | V0 |
| Color | black |
| Number of positions | 11 |

Standards and Regulations

| | |
|----------------------------------------|--------|
| Connection in acc. with standard | EN-VDE |
| Flammability rating according to UL 94 | V0 |

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 |
| eCl@ss 9.0 | 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

Printed-circuit board connector - MCV 0,5/11-G-2,54 P20 THR R56 - 1821481

Approvals

Approvals


cULus Recognized / VDE Gutachten mit Fertigungsüberwachung / IEC60947-5 CB Scheme


Ex Approvals

Approvals submitted

Approval details

| cULus Recognized | | |
|--------------------|-------|------|
| | B | C |
| Nominal current IN | 6 A | 6 A |
| Nominal voltage UN | 150 V | 50 V |

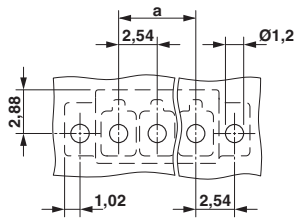
| VDE Gutachten mit Fertigungsüberwachung  | |
|-----------------------------------------------------------------------------------------------------------------------------|-------|
| Nominal current IN | 6 A |
| Nominal voltage UN | 160 V |

| IECEE CB Scheme  | |
|-----------------------------------------------------------------------------------------------------|-------|
| Nominal current IN | 6 A |
| Nominal voltage UN | 160 V |

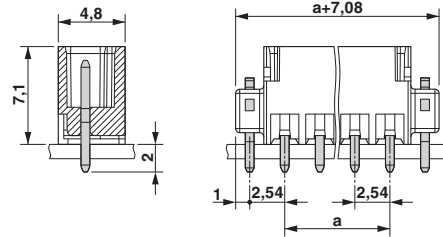
Drawings

Printed-circuit board connector - MCV 0,5/11-G-2,54 P20 THR R56 - 1821481

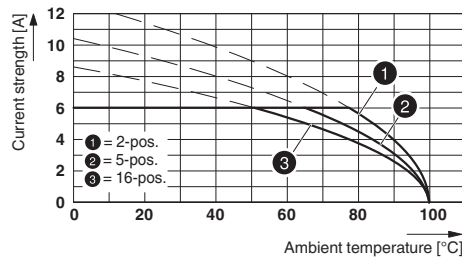
Drilling diagram



Dimensional drawing



Diagram



Type: FMC 0,5/...-ST-2,54 with MCV 0,5/...-G-2,54 P20 THR R..

Phoenix Contact 2016 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button.](#)

| Product | Code | Reference | Product link |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------------------|----------------------------|
| Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 11, Pitch: 2.54 mm, Color: black, Contact surface: Gold, Mounting: Taped SMD/ THT/THR components, Sample values available under SAMPLE MC... | 1821481 | MCV 0,5/11-G-2,54 P20 THR R56 | Buy on EAN |