



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



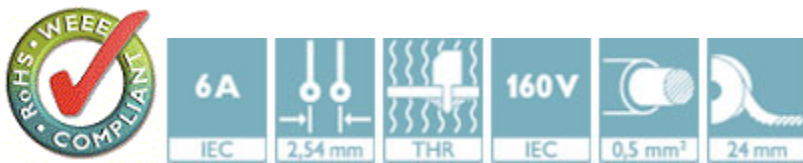
Printed-circuit board connector - MC 0,5/ 3-G-2,54 P20 THR R24 - 1821258

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: 3, 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 | 1 STK |
| Minimum order quantity | 465 STK |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

Environmental Product Compliance

| | |
|------------|--|
| China RoHS | No hazardous substances above threshold values |
|------------|--|

Dimensions

| | |
|--------------------------|-------------|
| Length | 7.1 mm |
| Pitch | 2.54 mm |
| Dimension a | 5.08 mm |
| Width | 12.2 mm |
| Constructional height | 4.85 mm |
| Height | 6.85 mm |
| Length of the solder pin | 2 mm |
| Pin dimensions | 0,64 x 0,64 |
| Pin spacing | 2.54 mm |
| Hole diameter | 1.2 mm |

Printed-circuit board connector - MC 0,5/ 3-G-2,54 P20 THR R24 - 1821258

Technical data

General

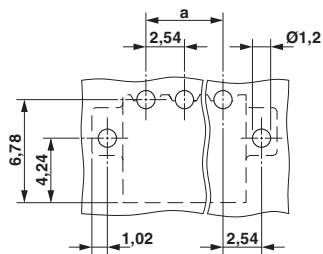
| | |
|--|------------------|
| Range of articles | MC 0,5/...-G-THR |
| Insulating material group | IIIa |
| Rated surge voltage (III/3) | 2.5 kV |
| Rated surge voltage (III/2) | 2.5 kV |
| Rated surge voltage (II/2) | 2.5 kV |
| Rated voltage (III/3) | 32 V |
| Rated voltage (III/2) | 160 V |
| Rated 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 | 3 |

Standards and Regulations

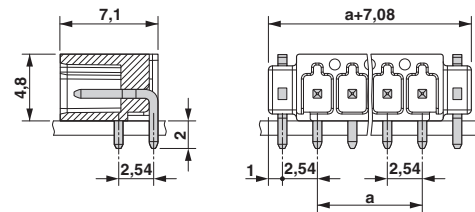
| | |
|--|--------|
| Connection in acc. with standard | EN-VDE |
| Flammability rating according to UL 94 | V0 |

Drawings

Drilling diagram

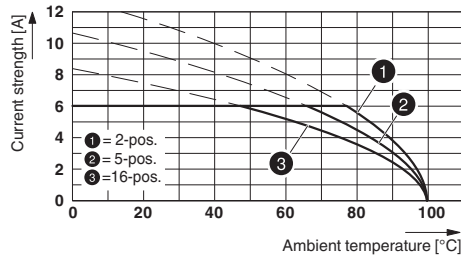


Dimensional drawing



Printed-circuit board connector - MC 0,5/ 3-G-2,54 P20 THR R24 - 1821258

Diagram



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

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

Approvals

cULus Recognized / VDE Gutachten mit Fertigungsüberwachung / IECCE CB Scheme / EAC


Printed-circuit board connector - MC 0,5/ 3-G-2,54 P20 THR R24 - 1821258


Approvals

Ex Approvals

Approval details

| | | |
|--|-------|------|
| cULus Recognized http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E60425-19920306 | | |
| | B | C |
| Nominal current IN | 6 A | 6 A |
| Nominal voltage UN | 150 V | 50 V |

| | |
|--|-------|
| VDE Gutachten mit Fertigungsüberwachung  http://www.vde.de 40042258 | |
| Nominal current IN | 6 A |
| Nominal voltage UN | 160 V |

| | |
|--|-------|
| IECEE CB Scheme  http://www.iecee.org/ DE1-55663-B1 | |
| Nominal current IN | 6 A |
| Nominal voltage UN | 160 V |

| |
|-------------|
| EAC B.01742 |
|-------------|

Accessories

Accessories

Labeled terminal marker

Marker card - SK 2,54/2,8:FORTL.ZAHLEN - 0804853



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, Mounting type: Adhesive, for terminal block width: 2.54 mm, Lettering field: 2.54 x 2.8 mm

Printed-circuit board connector - MC 0,5/ 3-G-2,54 P20 THR R24 - 1821258

Accessories

Sample set - SAMPLE MC 0,5/ 3-G-2,54 P20THR - 1835972

Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 2.54 mm, Color: black, Contact surface: Gold, Mounting: THR soldering



Additional products

Printed-circuit board connector - FMC 0,5/ 3-ST-2,54 - 1821106

Plug component, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 2.54 mm, Connection method: Push-in spring connection, Color: black, Contact surface: Gold

