



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!



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Printed-circuit board connector - MCV 0,5/16-G-2,54 SMDR72C1 - 1706094

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PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 16, pitch: 2.54 mm, color: black, contact surface: Gold, mounting: SMD soldering, Fixed coding of the first position, can be combined with the FMC 0,5/...-ST-2,54 C1 connector



The figure shows the 10-position version

Why buy this product

- ✓ Designed for integration into the SMT soldering process
- ✓ Additional solder anchors reduce the mechanical strain on the soldering spots
- ✓ Gold-plated contacts ensure transfer quality remains stable over the long term
- ✓ Vertical connection enables multi-row arrangement on the PCB
- ✓ Supplied in tape-on-reel packing according to IEC 60286-3 for automated mounting



Key Commercial Data

| | |
|------------------------|---------------|
| Packing unit | 315 STK |
| Minimum order quantity | 315 STK |
| GTIN | |
| GTIN | 4046356842440 |

Technical data

Dimensions

| | |
|----------------|----------------|
| Length [l] | 4.8 mm |
| Width | 45.18 mm |
| Pitch | 2.54 mm |
| Dimension a | 38.1 mm |
| Width [w] | 45.18 mm |
| Height [h] | 7.1 mm |
| Pin dimensions | 0.64 x 0.64 mm |
| Length | 4.8 mm |

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Technical data

General

| | |
|--|-------------------|
| Range of articles | MCV 0,5/...-G-SMD |
| 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 | 16 |

Standards and Regulations

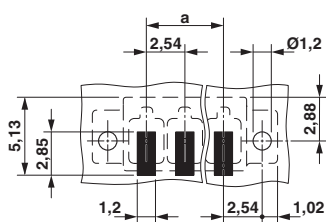
| | |
|--|--------|
| Connection in acc. with standard | EN-VDE |
| Flammability rating according to UL 94 | V0 |

Environmental Product Compliance

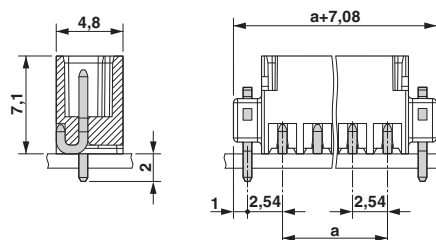
| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

Drawings

Drilling diagram



Dimensional drawing



Approvals

Approvals

Approvals

cULus Recognized / VDE Gutachten mit Fertigungsüberwachung / IECCEB Scheme / EAC

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Approvals

Ex Approvals

Approval details

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

| | | | |
|--|--|--|----------|
| VDE Gutachten mit Fertigungsüberwachung | | http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx | 40042258 |
| | | | |
| Nominal voltage UN | | 160 V | |
| Nominal current IN | | 6 A | |

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

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

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