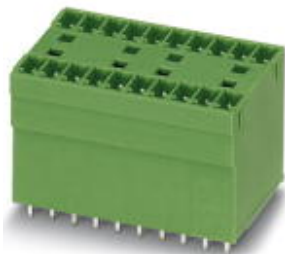


Header - MCDV 1,5/15-G1-3,81 - 1847864

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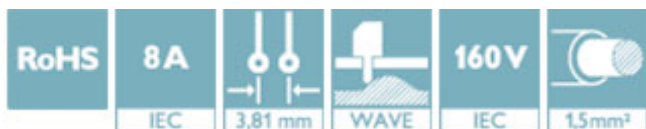


PCB headers, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 15, pitch: 3.81 mm, color: green, contact surface: Tin, mounting: Wave soldering. In combination with MCV plug components, both an MCVW and an MCVR plug must be used.


The figure shows a 10-pos. version with 20 contacts

Why buy this product

- Well-known mounting principle allows worldwide use
- Vertical connection enables multi-row arrangement on the PCB
- Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 50 STK |
| GTIN |  4 017918 113988 |
| GTIN | 4017918113988 |

Technical data

Dimensions

| | |
|--------------------------|-----------|
| Length [l] | 22.7 mm |
| Pitch | 3.81 mm |
| Dimension a | 53.34 mm |
| Width [w] | 58.54 mm |
| Constructional height | 21.9 mm |
| Height [h] | 25.3 mm |
| Length of the solder pin | 3.4 mm |
| Pin dimensions | 0,8 x 0,8 |
| Pin spacing | 15.24 mm |
| Hole diameter | 1.2 mm |

General

Header - MCDV 1,5/15-G1-3,81 - 1847864

Technical data

General

| | |
|--|----------------|
| Range of articles | MCDV 1,5/..-G1 |
| Insulating material group | I |
| 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) | 320 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 8 A |
| Maximum load current | 8 A |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Color | green |
| Number of positions | 15 |

Standards and Regulations

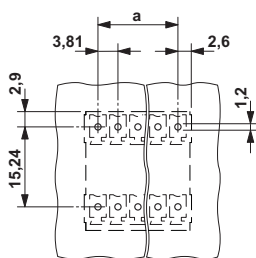
| | |
|--|--------|
| Connection in acc. with standard | EN-VDE |
| | CSA |
| Flammability rating according to UL 94 | V0 |

Environmental Product Compliance

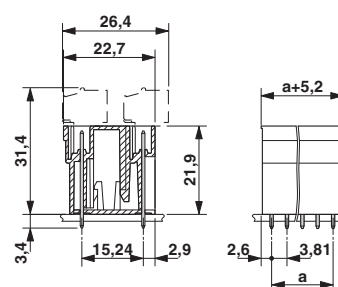
| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

Drawings

Drilling diagram



Dimensional drawing



Approvals

Approvals

Header - MCDV 1,5/15-G1-3,81 - 1847864


Approvals


Approvals


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

Ex Approvals


Approval details

| | | | |
|--------------------|---|---|-------|
| CSA |  | http://www.csagroup.org/services-industries/product-listing/ | 13631 |
| | | B | D |
| Nominal current IN | | 8 A | 8 A |
| Nominal voltage UN | | 300 V | 300 V |

| | | | |
|---|---|---|----------|
| VDE Gutachten mit Fertigungsüberwachung |  | http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx | 40011723 |
| Nominal current IN | | 8 A | |
| Nominal voltage UN | | 160 V | |

| | | | |
|--------------------|---|---|----------------|
| IECEE CB Scheme |  | http://www.iecee.org/ | DE1-59621-B1B2 |
| Nominal current IN | | 8 A | |
| Nominal voltage UN | | 160 V | |

| | | | |
|--------------------|--|-------|----------------|
| CCA | | | CCA/ DE1 34219 |
| Nominal current IN | | 8 A | |
| Nominal voltage UN | | 160 V | |

| | | | |
|--------------------|---|---|-----------------|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-20110128 |
| | | B | D |
| Nominal current IN | | 8 A | 8 A |
| Nominal voltage UN | | 300 V | 300 V |

Header - MCDV 1,5/15-G1-3,81 - 1847864

Approvals

EAC



B.01742

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