

Feed-through header - MCV 1,5/19-GF-3,81 - 1844951

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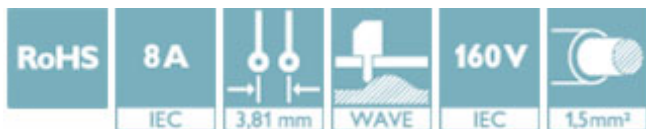
PCB headers, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 19, pitch: 3.81 mm, color: green, contact surface: Tin, mounting: Wave soldering




The figure shows a 10-position version of the product

Why buy this product

- ✓ Well-known mounting principle allows worldwide use
- ✓ Screwable flange for superior mechanical stability
- ✓ 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 102531 |
| GTIN | 4017918102531 |

Technical data

Dimensions

| | |
|--------------------------|--------------|
| Length [l] | 7.25 mm |
| Width | 82.78 mm |
| Pitch | 3.81 mm |
| Dimension a | 68.58 mm |
| Width [w] | 82.78 mm |
| Height [h] | 12.6 mm |
| Constructional height | 9.2 mm |
| Length of the solder pin | 3.4 mm |
| Pin dimensions | 0.8 x 0.8 mm |
| Length | 7.25 mm |

General

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Technical data

General

| | |
|----------------------------------------|----------------|
| Range of articles | MCV 1,5/...-GF |
| 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) | 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 | PBT |
| Flammability rating according to UL 94 | V0 |
| Color | green |
| Number of positions | 19 |

Standards and Regulations

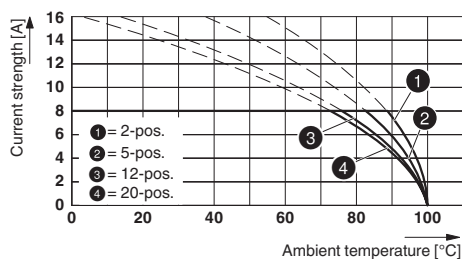
| | |
|----------------------------------------|--------|
| Connection in acc. with standard | EN-VDE |
| | CSA |
| Flammability rating according to UL 94 | V0 |

Environmental Product Compliance

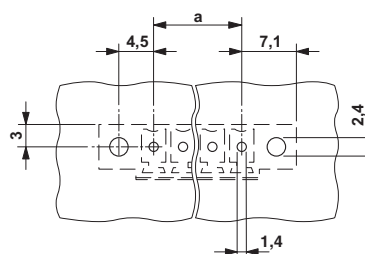
| | |
|------------|-----------------------------------------------------------------------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings

Diagram



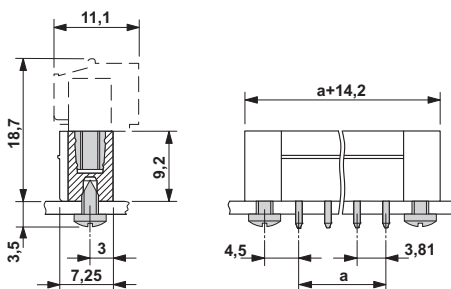
Drilling diagram



Type: MC 1,5/...-STF-3,81 with MCV 1,5/...-GF-3,81

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Dimensional drawing



Approvals

Approvals

Approvals

CSA / VDE Gutachten mit Fertigungsüberwachung / IEC EE CB Scheme / cULus Recognized / EAC

Ex Approvals

Approval details


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


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

| | | | |
|--------------------|-------|-----------------------------------------------------------|----------------|
| IECEE CB Scheme | | http://www.iecee.org/ | DE1-60604-B1B2 |
| | | | |
| Nominal voltage UN | 160 V | | |
| Nominal current IN | 8 A | | |

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Approvals

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

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

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