

Printed-circuit board connector - PCV 5/ 8-GF-7,62 - 1720961

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>)

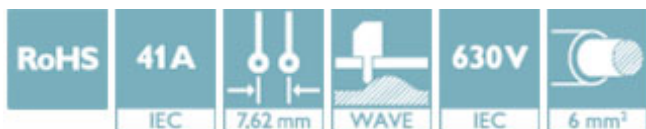


PCB headers, nominal current: 41 A, rated voltage (III/2): 630 V, number of positions: 8, pitch: 7.62 mm, color: green, contact surface: Tin, mounting: Wave soldering


The figure shows a 5-pos. version of the product

Why buy this product

- Well-known mounting principle allows worldwide use
- Screwable flange for superior mechanical stability
- 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 046356 114080 |
| GTIN | 4046356114080 |

Technical data

Dimensions

| | |
|--------------------------|------------|
| Length [l] | 14.29 mm |
| Width | 77.06 mm |
| Pitch | 7.62 mm |
| Dimension a | 53.34 mm |
| Width [w] | 77.06 mm |
| Height [h] | 33.51 mm |
| Constructional height | 29.25 mm |
| Length of the solder pin | 4.26 mm |
| Pin dimensions | 0.8 x 1 mm |
| Pin spacing | 7.62 mm |
| Length | 14.29 mm |

General

Printed-circuit board connector - PCV 5/ 8-GF-7,62 - 1720961

Technical data

General

| | |
|--|--------------|
| Range of articles | PCV 5/...-GF |
| Insulating material group | I |
| Rated surge voltage (III/3) | 6 kV |
| Rated surge voltage (III/2) | 6 kV |
| Rated surge voltage (II/2) | 6 kV |
| Rated voltage (III/3) | 630 V |
| Rated voltage (III/2) | 630 V |
| Rated voltage (II/2) | 1000 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 41 A |
| Maximum load current | 41 A |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Color | green |
| Number of positions | 8 |

Standards and Regulations

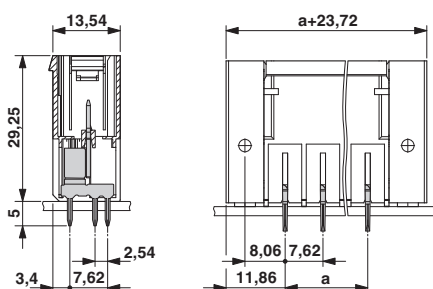
| | |
|--|--------|
| Connection in acc. with standard | EN-VDE |
| | CUL |
| Flammability rating according to UL 94 | V0 |

Environmental Product Compliance

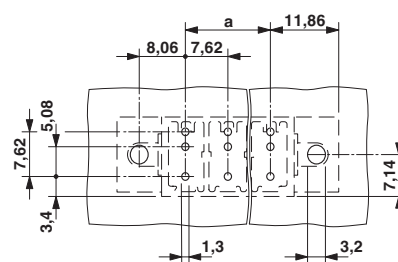
| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

Drawings

Dimensional drawing

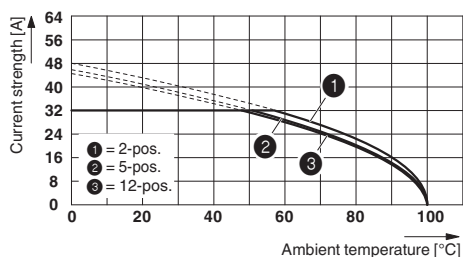


Drilling diagram



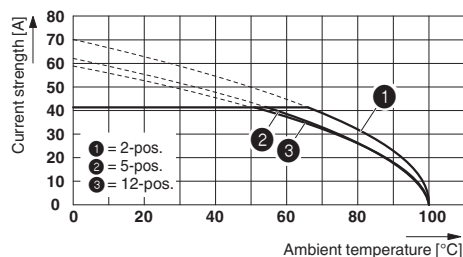
Printed-circuit board connector - PCV 5/ 8-GF-7,62 - 1720961

Diagram



Type: PC 5/...-STF1-7,62 with PCV 5/...-GF-7,62
 Conductor cross section: 6 mm²

Diagram



Type: PC 5/...-STF1-7,62 with PCV 5/...-GF-7,62
 Conductor cross section: 10 mm²

Approvals

Approvals

Approvals

EAC / cULus Recognized

Ex Approvals

Approval details

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

| | | | |
|------------------|--|---|-----------------|
| cULus Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-19920722 |
|------------------|--|---|-----------------|

| | D | B | C |
|--------------------|-------|-------|-------|
| Nominal voltage UN | 600 V | 300 V | 150 V |
| Nominal current IN | 5 A | 41 A | 41 A |

Phoenix Contact 2018 © - 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>