

# Printed-circuit board connector - PC 5/ 3-GF-7,62 - 1720806

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>)

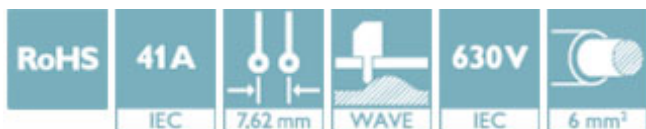
Header, nominal current: 41 A, rated voltage (III/2): 630 V, number of positions: 3, pitch: 7.62 mm, Color: green, contact surface: Tin, mounting: Wave soldering




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
Minimum order quantity	50 STK
GTIN	 4 046356 113601
GTIN	4046356113601
Weight per Piece (excluding packing)	10.180 g
Custom tariff number	85366930
Country of origin	Germany

## Technical data

### Dimensions

Length [ l ]	29.25 mm
Pitch	7.62 mm
Dimension a	15.24 mm
Width [ w ]	38.96 mm
Constructional height	14.29 mm
Height [ h ]	19.29 mm
Length of the solder pin	5 mm
Pin dimensions	0,8 x 1,0

# Printed-circuit board connector - PC 5/ 3-GF-7,62 - 1720806

## Technical data

### Dimensions

Pin spacing	7.62 mm
Hole diameter	1.3 mm

### General

Range of articles	PC 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	3

### Standards and Regulations

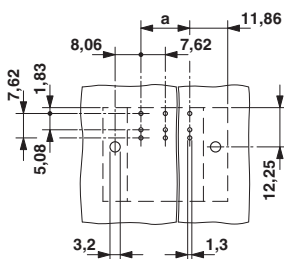
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

### Environmental Product Compliance

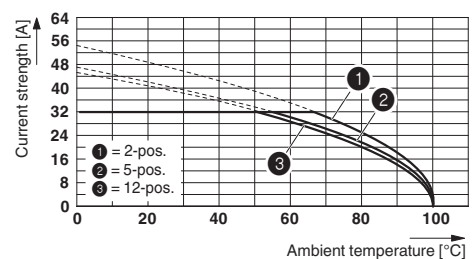
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Drilling diagram



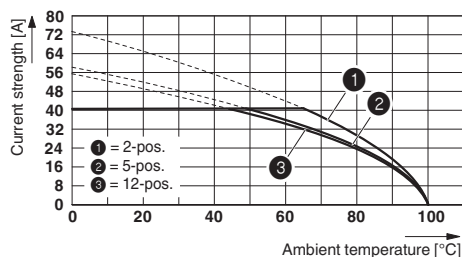
Diagram



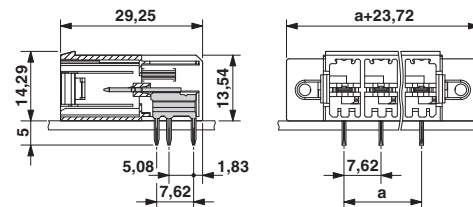
Type: PC 5/...-STF1-7,62 with PC 5/...-GF-7,62  
 Conductor cross section: 6 mm<sup>2</sup>

# Printed-circuit board connector - PC 5/ 3-GF-7,62 - 1720806

Diagram



Dimensional drawing



Type: PC 5/...-STF1-7,62 with PC 5/...-GF-7,62  
 Conductor cross section: 10 mm<sup>2</sup>

## 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
ETIM 6.0	EC002637

### UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

## Approvals

### Approvals

Approvals

EAC / cULus Recognized

# Printed-circuit board connector - PC 5/ 3-GF-7,62 - 1720806

## Approvals

Ex Approvals

### Approval details

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

cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-19920722
------------------	--	---	-----------------

	B	C	D
Nominal current I <sub>N</sub>	41 A	41 A	5 A
Nominal voltage U <sub>N</sub>	300 V	150 V	600 V

## Accessories

### Accessories

#### Coding element

Coding profile - CP-PC RD - 1701967



Coding profile, for plugging into the coding ribs of the plug at a later date, insulating material, color: Red

### Labeled terminal marker

Marker card - SK 7,62/3,8:FORTL.ZAHLEN - 0804549



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: adhesive, for terminal block width: 7.62 mm, Lettering field: 7.62 x 3.8 mm

Marker card - SK 3,8 REEL P7,62 WH CUS - 0825128



Marker card, can be ordered: By card, white, labeled according to customer specifications, Mounting type: adhesive, for terminal block width: 7.62 mm, Lettering field: continuous x 3.8 mm

## Printed-circuit board connector - PC 5/ 3-GF-7,62 - 1720806

### Accessories

---

#### Terminal marking

Marker card - SK U/3,8 WH:UNBEDRUCKT - 0803906



Marker card, Sheet, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, Office printing systems, Mounting type: adhesive, for terminal block width: 210 mm, Lettering field: 186 x 3.8 mm

Marker strip - SK 3,8 WH:REEL - 0805218



Marker strip, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK S1.1, Mounting type: adhesive, for terminal block width: 90000 mm, Lettering field: continuous x 3.8 mm

#### Additional products

Printed-circuit board connector - TSPC 5/ 3-STF-7,62 - 1728219



Plug component, nominal current: 41 A, rated voltage (III/2): 1000 V, number of positions: 3, pitch: 7.62 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - PC 5/ 3-STF1-7,62 - 1777846



Plug component, nominal current: 41 A, rated voltage (III/2): 1000 V, number of positions: 3, pitch: 7.62 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Printed-circuit board connector - SPC 5/ 3-STF-7,62 - 1996139



Plug component, nominal current: 41 A, rated voltage (III/2): 1000 V, number of positions: 3, pitch: 7.62 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

