

Printed-circuit board connector - PCV 5/ 3-GF-7,62 - 1720916

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>)

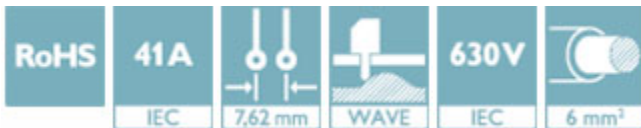


Header, nominal current: 41 A, rated voltage (III/2): 630 V, number of positions: 3, pitch: 7.62 mm, Color: green, Contact surface: Tin, mounting: Wave soldering

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	1 STK
Minimum order quantity	50 STK
GTIN	 4 046356 114035
GTIN	4046356114035
Weight per Piece (excluding packing)	12.220 g
Custom tariff number	85366930
Country of origin	Poland

Technical data

Dimensions

Length	14.29 mm
Pitch	7.62 mm
Dimension a	15.24 mm
Width	38.96 mm

Printed-circuit board connector - PCV 5/ 3-GF-7,62 - 1720916

Technical data

Dimensions

Constructional height	29.25 mm
Height	33.51 mm
Length of the solder pin	4.26 mm
Pin dimensions	0,8 x 1,0
Pin spacing	7.62 mm
Hole diameter	1.3 mm

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	3

Standards and Regulations

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

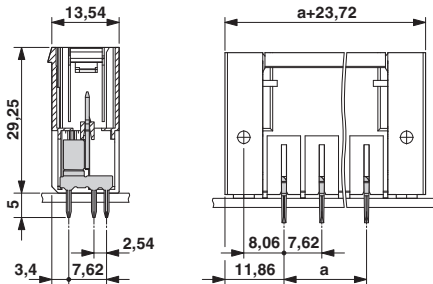
Environmental Product Compliance

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

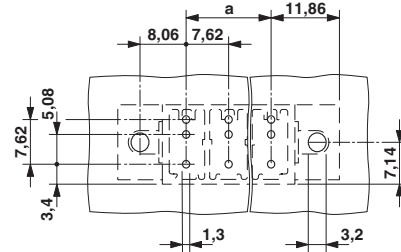
Drawings

Printed-circuit board connector - PCV 5/ 3-GF-7,62 - 1720916

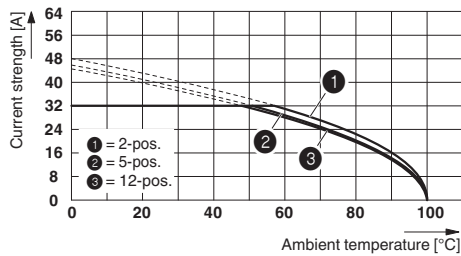
Dimensional drawing



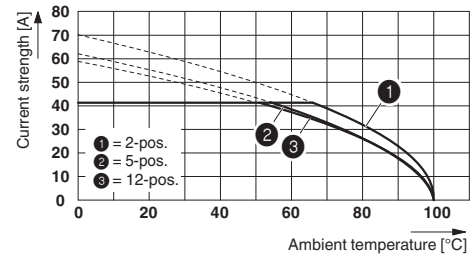
Drilling diagram



Diagram



Diagram



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

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

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
-------------	----------

Printed-circuit board connector - PCV 5/ 3-GF-7,62 - 1720916

Classifications

UNSPSC

UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals


Approvals


Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	D
Nominal current I _N	41 A	41 A	10 A
Nominal voltage U _N	300 V	150 V	300 V

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	D
Nominal current I _N	41 A	41 A	10 A
Nominal voltage U _N	300 V	150 V	300 V

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

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

Printed-circuit board connector - PCV 5/ 3-GF-7,62 - 1720916

Accessories

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
