

Printed-circuit board connector - PCV 5/ 8-G-7,62 - 1720631

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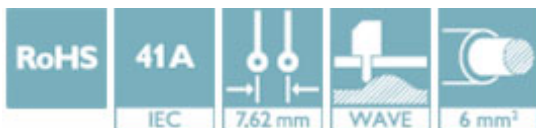


PCB headers, nominal current: 41 A, number of positions: 8, pitch: 7.62 mm, color: green, contact surface: Tin, mounting: Wave soldering


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

Your advantages

- ✓ Well-known mounting principle allows worldwide use
- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



Key Commercial Data

Packing unit	50 pc
GTIN	 4 046356 113960
GTIN	4046356113960

Technical data

Dimensions

Length [l]	14.29 mm
Width	63.76 mm
Pitch	7.62 mm
Dimension a	53.34 mm
Width [w]	63.76 mm
Height [h]	34.25 mm
Height	29.25 mm
Length of the solder pin	5 mm
Pin dimensions	0.8 x 1 mm
Pin spacing	7.62 mm
Length	14.29 mm

General

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Technical data

General

Range of articles	PCV 5/...-G
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

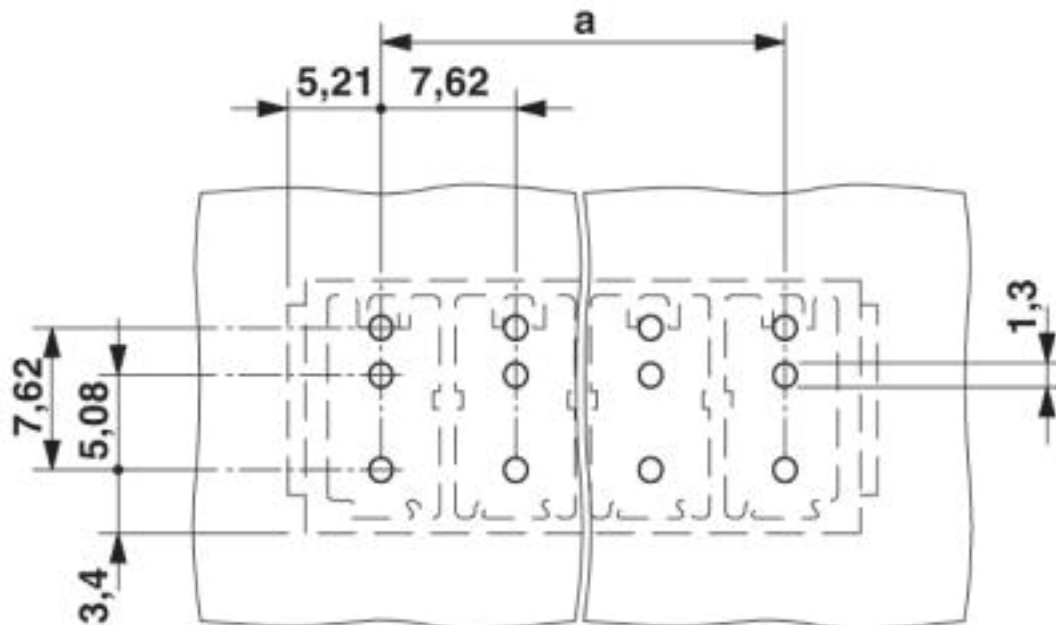
Environmental Product Compliance

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

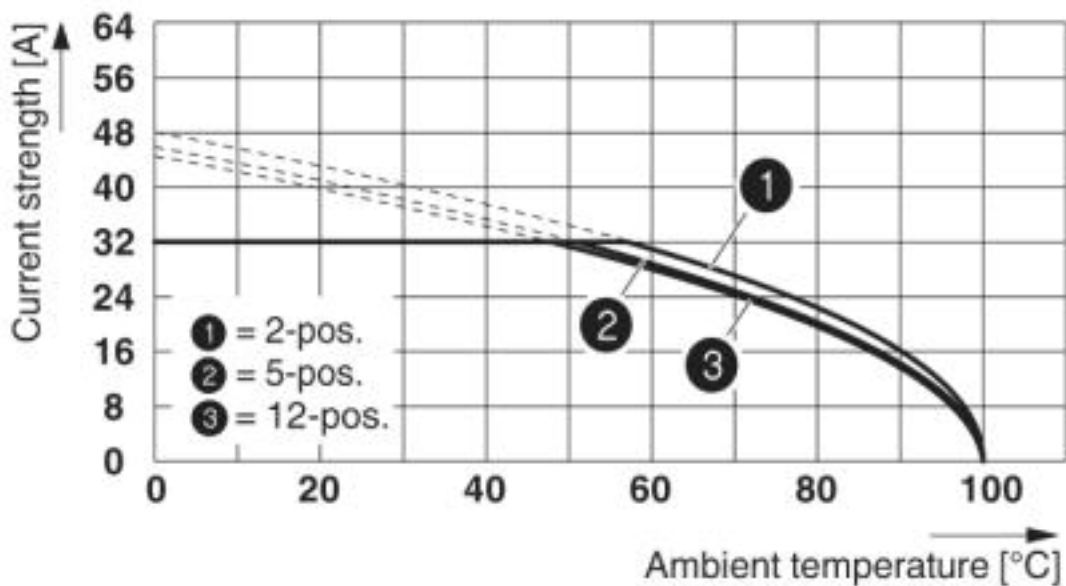
Drawings

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Drilling diagram



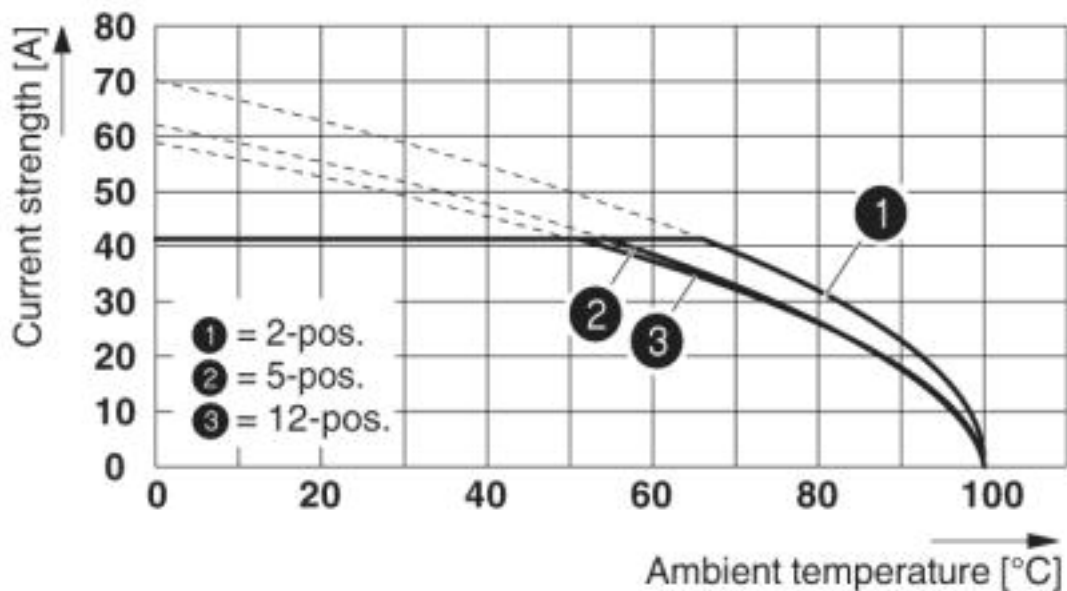
Diagram



Derating curve for: PC 5/...-ST1-7,62 with PCV 5/....-G-7,62
Conductor cross section: 6 mm²

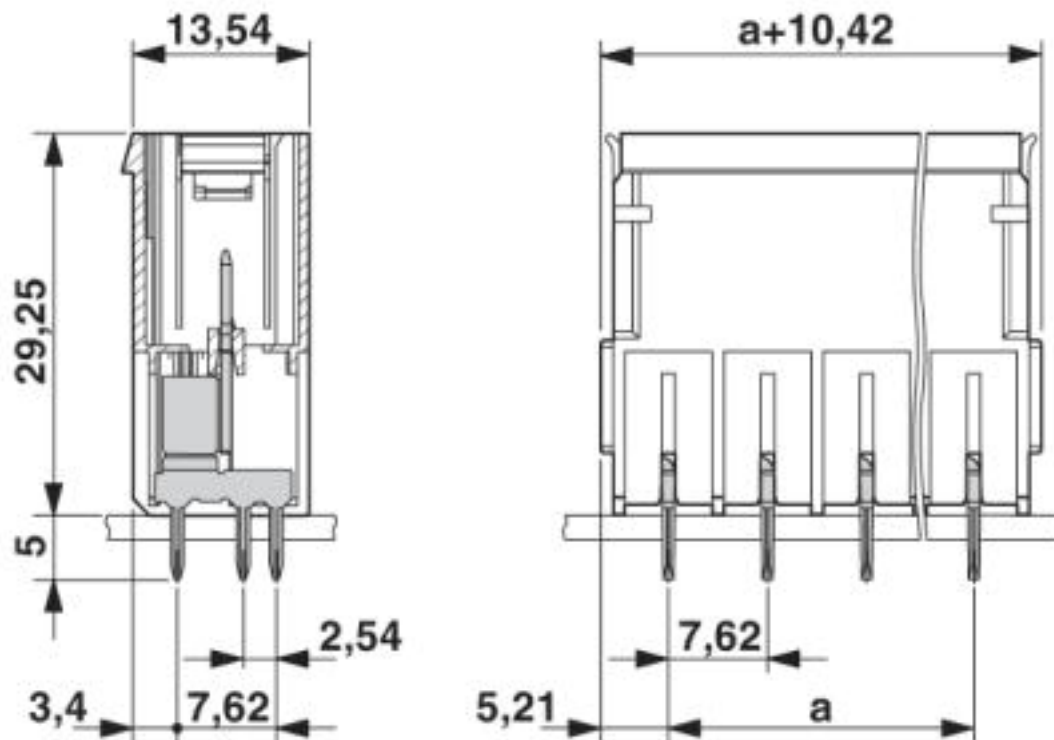
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Diagram



Derating curve for: PC 5/...-ST1-7,62 with PCV 5/...-G-7,62
Conductor cross section: 10 mm²

Dimensional drawing



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Approvals


Approvals


Approvals

EAC / cULus Recognized

Ex Approvals

Approval details

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19920722
	B	C	D
Nominal voltage UN	300 V	150 V	300 V
Nominal current IN	41 A	41 A	10 A

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