

Printed-circuit board connector - PC 5/ 6-G-7,62 - 1720505

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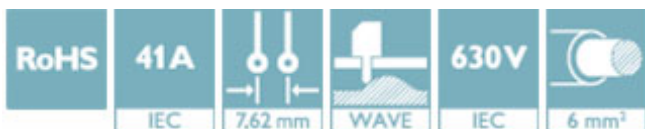
PCB headers, nominal current: 41 A, rated voltage (III/2): 630 V, number of positions: 6, pitch: 7.62 mm, color: green, contact surface: Tin, mounting: Wave soldering




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

Why buy this product

- Well-known mounting principle allows worldwide use
- Standard header – also suitable for connectors with automatically locking Click and Lock system
- 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 113694
GTIN	4046356113694

Technical data

Dimensions

Length [l]	29.25 mm
Pitch	7.62 mm
Dimension a	38.1 mm
Width [w]	48.52 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
Pin spacing	7.62 mm
Hole diameter	1.3 mm

General

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Technical data

General

Range of articles	PC 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	6

Standards and Regulations

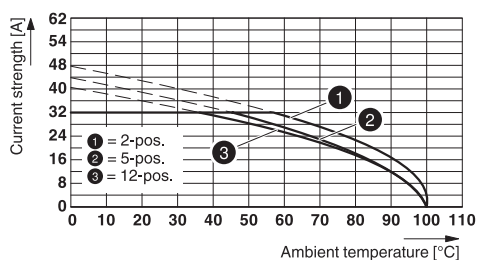
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

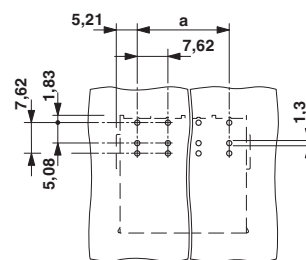
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Diagram



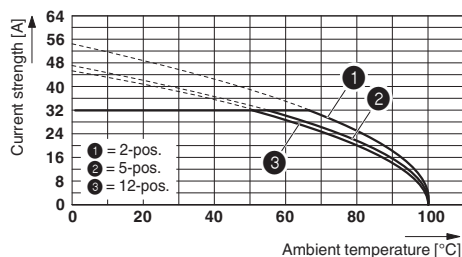
Drilling diagram



Derating curve for: SPC 5/...-ST-7,62 with PC 5/...-G-7,62

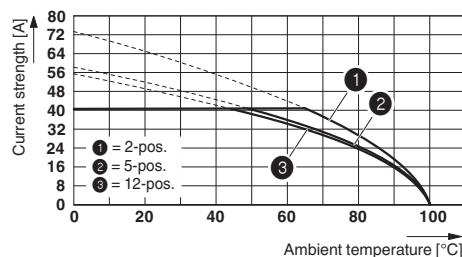
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Diagram



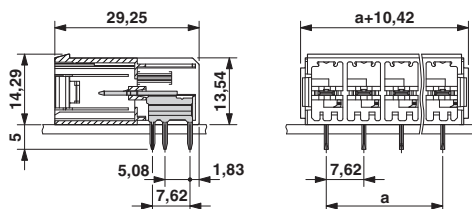
Derating curve for: PC 5/...-ST1-7,62 with PC 5/...-G-7,62
Conductor cross section: 6 mm²

Diagram



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

Dimensional drawing



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 current I _N	41 A	41 A	5 A
Nominal voltage U _N	300 V	150 V	600 V

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