

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



1975626

<https://www.phoenixcontact.com/us/products/1975626>

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PCB connector, color: green, contact surface: Tin, number of positions: 6, product range: PC 5/..-ST, pitch: 7.62 mm



Commercial Data

Item number	1975626
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Sales Key	00
Product Key	AAD1AD
Catalog Page	Page 378 (CC-2009)
GTIN	4017918971779
Weight per Piece (including packing)	29.897 g
Weight per Piece (excluding packing)	29.897 g
Customs tariff number	85366990
Country of origin	DE

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Technical Data

Product properties

Type	Standard
Product type	PCB plug
Number of positions	6
Pitch	7.62 mm
Mounting flange	without

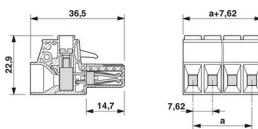
Electrical properties

Maximum load current	41 A
Rated voltage (II/2)	1000 V
Rated voltage (III/2)	1000 V
Rated surge voltage (II/2)	6 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (III/3)	8 kV

Material specifications

Color	green
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA
Contact surface	Tin Sn
Contact surface material	Sn

Dimensions

Dimensional drawing	
Installed height	20 mm
Pitch	7.62 mm

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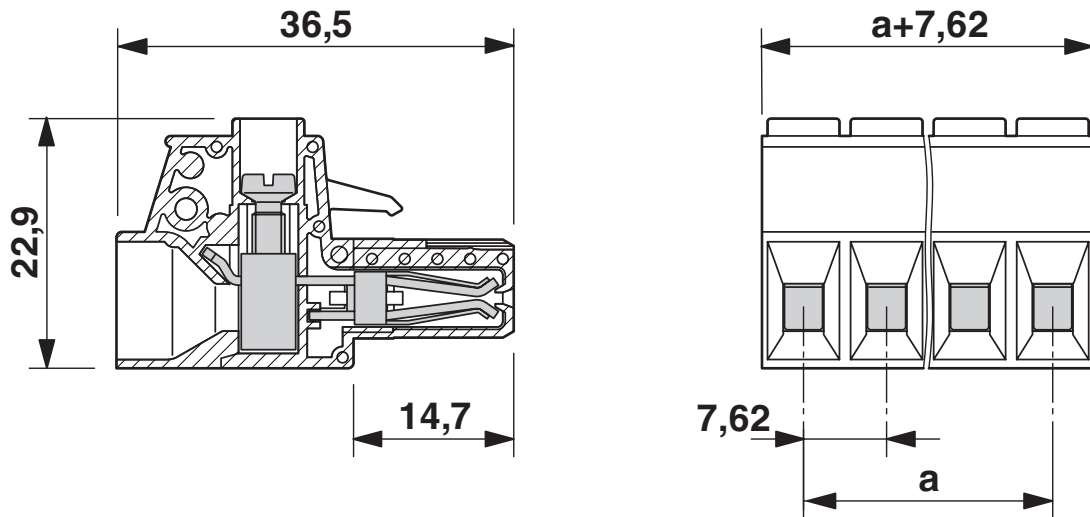


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Drawings

Dimensional drawing



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Classifications

ECLASS

ECLASS-9.0	27440309
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Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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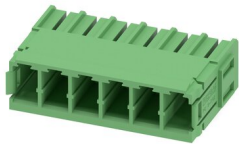
<https://www.phoenixcontact.com/us/products/1975626>

Accessories

PCB header

PCB header - PC 5/ 6-G-7,62 - 1720505

<https://www.phoenixcontact.com/us/products/1720505>

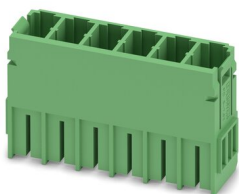


PCB headers, nominal cross section: 6 mm², color: green, nominal current: 41 A, rated voltage (III/2): 630 V, contact surface: Tin, type of contact: Male connector, number of potentials: 6, number of rows: 1, number of positions: 6, number of connections: 6, product range: PC 5/..-G, pitch: 7.62 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 48.52 mm, number of solder pins per potential: 3, plug-in system: COMBICON PC 5, Pin connector pattern alignment: Standard, locking: without, mounting: without, type of packaging: packed in cardboard

PCB header

PCB header - PCV 5/ 6-G-7,62 - 1720615

<https://www.phoenixcontact.com/us/products/1720615>



PCB headers, nominal cross section: 6 mm², color: green, nominal current: 41 A, rated voltage (III/2): 630 V, contact surface: Tin, type of contact: Male connector, number of potentials: 6, number of rows: 1, number of positions: 6, number of connections: 6, product range: PCV 5/..-G, pitch: 7.62 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 5 mm, number of solder pins per potential: 3, plug-in system: COMBICON PC 5, Pin connector pattern alignment: Standard, locking: without, mounting: without, type of packaging: packed in cardboard

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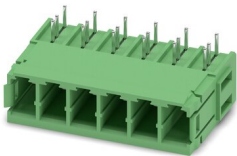
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PCB header

PCB header - PC 5/ 6-GU-7,62 - 1720725

<https://www.phoenixcontact.com/us/products/1720725>

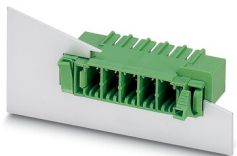


PCB headers, nominal cross section: 6 mm², color: green, nominal current: 41 A, rated voltage (III/2): 630 V, contact surface: Tin, type of contact: Male connector, number of potentials: 6, number of rows: 1, number of positions: 6, number of connections: 6, product range: PC 5/..-GU, pitch: 7.62 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 4.2 mm, number of solder pins per potential: 3, plug-in system: COMBICON PC 5, Pin connector pattern alignment: reversed, locking: without, mounting: without, type of packaging: packed in cardboard

Feed-through header

Feed-through header - DFK-PC 5/ 6-G-7,62 - 1727621

<https://www.phoenixcontact.com/us/products/1727621>



Feed-through header, nominal cross section: 6 mm², color: green, nominal current: 41 A, rated voltage (III/2): 630 V, contact surface: Tin, type of contact: Male connector, number of potentials: 6, number of rows: 1, number of positions: 6, number of connections: 6, product range: DFK-PC 5/..-G, pitch: 7.62 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 4.9 mm, number of solder pins per potential: 3, plug-in system: COMBICON PC 5, Pin connector pattern alignment: Standard, locking: without, mounting: without, type of packaging: packed in cardboard

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