

Data sheet | Item number: 769-666/003-000

THT male header; 1.0 x 1.0 mm solder pin; angled; clamping collar; Pin spacing 5 mm; 6-pole; gray



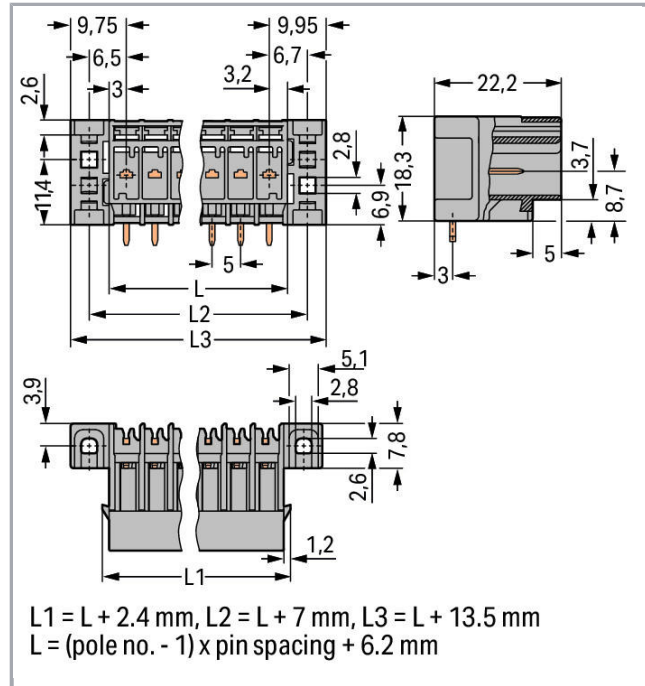
www.wago.com/769-666/003-000



RoHS Compliant

BOMcheck.net

Color: ■



Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	250 V
Rated impulse voltage (III / 3)	4 kV
Rated voltage (III / 2)	500 V
Rated impulse voltage (III / 2)	4 kV
Rated current	32 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Subject to changes. Please also observe the further product documentation!

WAGO Kontakttechnik GmbH & Co. KG
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Email: info.de@wago.com | Web: www.wago.com

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Connection data

No. of poles	6
Total number of potentials	6
Number of levels	1

Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	44,7 mm / 1.76 inch
Height from the surface	18,3 mm / 0.72 inch
Depth	22,2 mm / 0.874 inch

Mechanical data

Mounting type	Mounting flange
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Plug connection

Contact type (pluggable connector)	Male connector/plug
Connector connection type	for PCB
Mismating protection	No
Mating direction to the PCB	0°

PCB contact

PCB contact	THT
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Material Data

Color	gray
Insulating material	Polyamide 66 (PA 66)
Fire load	0.16 MJ
Weight	7.5 g

Commercial data

Product Group	18 (X-COM-System)
Packaging type	BOX
Country of origin	PL
GTIN	4044918396783






Subject to changes. Please also observe the further product documentation!

Customs Tariff No.


85366990990

Approvals / Certificates



Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	NTR NL-7626
	CCA DEKRA Certification B.V.	EN 61984	2190419.02
	CCA DEKRA Certification B.V.	IEC 61984	NL-47799 /A1
	CSA DEKRA Certification B.V.	C22.2 No. 158	1101144
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	2190419.01

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UR Underwriters Laboratories Inc.	UL 1977	20151210-E45171
	UR Underwriters Laboratories Inc.	UL 1059	20190731-E45172

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Counterpart



Item no. 769-106

1-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; gray

www.wago.com/769-106



Item no. 769-106/021-000

1-conductor female plug; Locking lever; 4 mm²; 6-pole; 4,00 mm²; gray

www.wago.com/769-106/021-000



Item no. 769-126

2-conductor female connector; 4 mm²; 6-pole; 4,00 mm²; gray

www.wago.com/769-126

Compatible products

Marking accessories

Item no.: 210-831

Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white

www.wago.com/210-831

Item no.: 210-832

Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white

www.wago.com/210-832

Item no.: 210-833

Marking strips; on reel; 6 mm wide; plain; Self-adhesive; white

www.wago.com/210-833

Item no.: 210-834

Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white

www.wago.com/210-834

Coding

Item no.: 769-435

Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors; orange

www.wago.com/769-435

ferrule

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	Item no.: 216-101 Ferrule; Sleeve for 0.5 mm ² / AWG 22; uninsulated; electro-tin plated	www.wago.com/216-101
	Item no.: 216-102 Ferrule; Sleeve for 0.75 mm ² / AWG 20; uninsulated; electro-tin plated	www.wago.com/216-102
	Item no.: 216-103 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated	www.wago.com/216-103
	Item no.: 216-104 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated	www.wago.com/216-104
	Item no.: 216-201 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; white	www.wago.com/216-201
	Item no.: 216-202 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; gray	www.wago.com/216-202
	Item no.: 216-203 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; red	www.wago.com/216-203
	Item no.: 216-204 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; black	www.wago.com/216-204
	Item no.: 216-206 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; blue	www.wago.com/216-206
	Item no.: 216-301 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated; yellow	www.wago.com/216-301
	Item no.: 216-302 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated; green	www.wago.com/216-302
Female plug		
	Item no.: 769-101 1-conductor female plug; 4 mm ² ; 1-pole; 4,00 mm ² ; gray	www.wago.com/769-101
	Item no.: 769-102 1-conductor female plug; 4 mm ² ; 2-pole; 4,00 mm ² ; gray	www.wago.com/769-102
	Item no.: 769-102/000-036 1-conductor female plug; 4 mm ² ; 2-pole; 4,00 mm ² ; gray, green-yellow	www.wago.com/769-102/000-036
	Item no.: 769-102/000-037 1-conductor female plug; 4 mm ² ; 2-pole; 4,00 mm ² ; green-yellow, gray	www.wago.com/769-102/000-037
	Item no.: 769-103 1-conductor female plug; 4 mm ² ; 3-pole; 4,00 mm ² ; gray	www.wago.com/769-103
	Item no.: 769-103/000-036 1-conductor female plug; 4 mm ² ; 3-pole; 4,00 mm ² ; gray, green-yellow	www.wago.com/769-103/000-036

Subject to changes. Please also observe the further product documentation!

Item no.: 769-103/000-037 1-conductor female plug; 4 mm ² ; 3-pole; 4,00 mm ² ; green-yellow, gray	www.wago.com/769-103/000-037
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Item no.: 769-103/000-038 1-conductor female plug; 4 mm ² ; 3-pole; 4,00 mm ² ; gray, blue, green-yellow	www.wago.com/769-103/000-038
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Item no.: 769-103/000-039 1-conductor female plug; 4 mm ² ; 3-pole; 4,00 mm ² ; green-yellow, blue, gray	www.wago.com/769-103/000-039
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Item no.: 769-104 1-conductor female plug; 4 mm ² ; 4-pole; 4,00 mm ² ; gray	www.wago.com/769-104
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Item no.: 769-104/000-036 1-conductor female plug; 4 mm ² ; 4-pole; 4,00 mm ² ; gray, green-yellow	www.wago.com/769-104/000-036
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Item no.: 769-104/000-037 1-conductor female plug; 4 mm ² ; 4-pole; 4,00 mm ² ; green-yellow, gray	www.wago.com/769-104/000-037
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Item no.: 769-104/000-038 1-conductor female plug; 4 mm ² ; 4-pole; 4,00 mm ² ; gray, blue, green-yellow	www.wago.com/769-104/000-038
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Item no.: 769-104/000-039 1-conductor female plug; 4 mm ² ; 4-pole; 4,00 mm ² ; green-yellow, blue, gray	www.wago.com/769-104/000-039
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Item no.: 769-105 1-conductor female plug; 4 mm ² ; 5-pole; 4,00 mm ² ; gray	www.wago.com/769-105
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Item no.: 769-105/000-036 1-conductor female plug; 4 mm ² ; 5-pole; 4,00 mm ² ; gray, green-yellow	www.wago.com/769-105/000-036
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Item no.: 769-105/000-037 1-conductor female plug; 4 mm ² ; 5-pole; 4,00 mm ² ; green-yellow, gray	www.wago.com/769-105/000-037
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Item no.: 769-105/000-038 1-conductor female plug; 4 mm ² ; 5-pole; 4,00 mm ² ; gray, blue, green-yellow	www.wago.com/769-105/000-038
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Item no.: 769-105/000-039 1-conductor female plug; 4 mm ² ; 5-pole; 4,00 mm ² ; green-yellow, blue, gray	www.wago.com/769-105/000-039
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









Item no.: 769-106/000-006 1-conductor female plug; 4 mm ² ; 6-pole; 4,00 mm ² ; blue	www.wago.com/769-106/000-006
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Subject to changes. Please also observe the further product documentation!

	<p>Item no.: 769-106/000-036 1-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; gray, green-yellow</p>	www.wago.com/769-106/000-036
	<p>Item no.: 769-106/000-037 1-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; green-yellow, gray</p>	www.wago.com/769-106/000-037
	<p>Item no.: 769-106/000-038 1-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; gray, blue, green-yellow</p>	www.wago.com/769-106/000-038
	<p>Item no.: 769-106/000-039 1-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; green-yellow, blue, gray</p>	www.wago.com/769-106/000-039
	<p>Item no.: 769-107 1-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; gray</p>	www.wago.com/769-107
	<p>Item no.: 769-107/000-036 1-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; gray, green-yellow</p>	www.wago.com/769-107/000-036
	<p>Item no.: 769-107/000-037 1-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; green-yellow, gray</p>	www.wago.com/769-107/000-037
	<p>Item no.: 769-107/000-038 1-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; gray, blue, green-yellow</p>	www.wago.com/769-107/000-038
	<p>Item no.: 769-107/000-039 1-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; green-yellow, blue, gray</p>	www.wago.com/769-107/000-039
	<p>Item no.: 769-108 1-conductor female plug; 4 mm²; 8-pole; 4,00 mm²; gray</p>	www.wago.com/769-108
	<p>Item no.: 769-108/000-036 1-conductor female plug; 4 mm²; 8-pole; 4,00 mm²; gray, green-yellow</p>	www.wago.com/769-108/000-036
	<p>Item no.: 769-108/000-037 1-conductor female plug; 4 mm²; 8-pole; 4,00 mm²; green-yellow, gray</p>	www.wago.com/769-108/000-037
	<p>Item no.: 769-108/000-038 1-conductor female plug; 4 mm²; 8-pole; 4,00 mm²; gray, blue, green-yellow</p>	www.wago.com/769-108/000-038
	<p>Item no.: 769-108/000-039 1-conductor female plug; 4 mm²; 8-pole; 4,00 mm²; green-yellow, blue, gray</p>	www.wago.com/769-108/000-039

Subject to changes. Please also observe the further product documentation!

	Item no.: 769-109 1-conductor female plug; 4 mm ² ; 9-pole; 4,00 mm ² ; gray	www.wago.com/769-109
	Item no.: 769-109/000-036 1-conductor female plug; 4 mm ² ; 9-pole; 4,00 mm ² ; gray, green-yellow	www.wago.com/769-109/000-036
	Item no.: 769-109/000-037 1-conductor female plug; 4 mm ² ; 9-pole; 4,00 mm ² ; green-yellow, gray	www.wago.com/769-109/000-037
	Item no.: 769-109/000-038 1-conductor female plug; 4 mm ² ; 9-pole; 4,00 mm ² ; gray, blue, green-yellow	www.wago.com/769-109/000-038
	Item no.: 769-109/000-039 1-conductor female plug; 4 mm ² ; 9-pole; 4,00 mm ² ; green-yellow, blue, gray	www.wago.com/769-109/000-039
	Item no.: 769-110 1-conductor female plug; 4 mm ² ; 10-pole; 4,00 mm ² ; gray	www.wago.com/769-110
	Item no.: 769-110/000-036 1-conductor female plug; 4 mm ² ; 10-pole; 4,00 mm ² ; gray, green-yellow	www.wago.com/769-110/000-036
	Item no.: 769-110/000-037 1-conductor female plug; 4 mm ² ; 10-pole; 4,00 mm ² ; green-yellow, gray	www.wago.com/769-110/000-037
	Item no.: 769-110/000-038 1-conductor female plug; 4 mm ² ; 10-pole; 4,00 mm ² ; gray, blue, green-yellow	www.wago.com/769-110/000-038
	Item no.: 769-110/000-039 1-conductor female plug; 4 mm ² ; 10-pole; 4,00 mm ² ; green-yellow, blue, gray	www.wago.com/769-110/000-039
	Item no.: 769-111 1-conductor female plug; 4 mm ² ; 11-pole; 4,00 mm ² ; gray	www.wago.com/769-111
	Item no.: 769-111/000-036 1-conductor female plug; 4 mm ² ; 11-pole; 4,00 mm ² ; gray, green-yellow	www.wago.com/769-111/000-036
	Item no.: 769-111/000-037 1-conductor female plug; 4 mm ² ; 11-pole; 4,00 mm ² ; green-yellow, gray	www.wago.com/769-111/000-037
	Item no.: 769-111/000-038 1-conductor female plug; 4 mm ² ; 11-pole; 4,00 mm ² ; gray, blue, green-yellow	www.wago.com/769-111/000-038

Subject to changes. Please also observe the further product documentation!



Item no.: 769-111/000-039

1-conductor female plug; 4 mm²; 11-pole; 4,00 mm²; green-yellow, blue, gray

www.wago.com/769-111/000-039



Item no.: 769-112

1-conductor female plug; 4 mm²; 12-pole; 4,00 mm²; gray

www.wago.com/769-112



Item no.: 769-112/000-036

1-conductor female plug; 4 mm²; 12-pole; 4,00 mm²; gray, green-yellow

www.wago.com/769-112/000-036



Item no.: 769-112/000-037

1-conductor female plug; 4 mm²; 12-pole; 4,00 mm²; green-yellow, gray

www.wago.com/769-112/000-037



Item no.: 769-112/000-038

1-conductor female plug; 4 mm²; 12-pole; 4,00 mm²; gray, blue, green-yellow

www.wago.com/769-112/000-038



Item no.: 769-112/000-039

1-conductor female plug; 4 mm²; 12-pole; 4,00 mm²; green-yellow, blue, gray

www.wago.com/769-112/000-039



Item no.: 769-113

1-conductor female plug; 4 mm²; 13-pole; 4,00 mm²; gray

www.wago.com/769-113



Item no.: 769-113/000-036

1-conductor female plug; 4 mm²; 13-pole; 4,00 mm²; gray, green-yellow

www.wago.com/769-113/000-036



Item no.: 769-113/000-037

1-conductor female plug; 4 mm²; 13-pole; 4,00 mm²; green-yellow, gray

www.wago.com/769-113/000-037



Item no.: 769-113/000-038

1-conductor female plug; 4 mm²; 13-pole; 4,00 mm²; gray, blue, green-yellow

www.wago.com/769-113/000-038



Item no.: 769-113/000-039

1-conductor female plug; 4 mm²; 13-pole; 4,00 mm²; green-yellow, blue, gray

www.wago.com/769-113/000-039



Item no.: 769-114

1-conductor female plug; 4 mm²; 14-pole; 4,00 mm²; gray

www.wago.com/769-114



Item no.: 769-114/000-036

1-conductor female plug; 4 mm²; 14-pole; 4,00 mm²; gray, green-yellow

www.wago.com/769-114/000-036



Item no.: 769-114/000-037

1-conductor female plug; 4 mm²; 14-pole; 4,00 mm²; green-yellow, gray

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	Item no.: 769-114/000-038 1-conductor female plug; 4 mm ² ; 14-pole; 4,00 mm ² ; gray, blue, green-yellow	www.wago.com/769-114/000-038
	Item no.: 769-114/000-039 1-conductor female plug; 4 mm ² ; 14-pole; 4,00 mm ² ; green-yellow, blue, gray	www.wago.com/769-114/000-039
	Item no.: 769-115 1-conductor female plug; 4 mm ² ; 15-pole; 4,00 mm ² ; gray	www.wago.com/769-115
	Item no.: 769-115/000-036 1-conductor female plug; 4 mm ² ; 15-pole; 4,00 mm ² ; gray, green-yellow	www.wago.com/769-115/000-036
	Item no.: 769-115/000-037 1-conductor female plug; 4 mm ² ; 15-pole; 4,00 mm ² ; green-yellow, gray	www.wago.com/769-115/000-037
	Item no.: 769-115/000-038 1-conductor female plug; 4 mm ² ; 15-pole; 4,00 mm ² ; gray, blue, green-yellow	www.wago.com/769-115/000-038
	Item no.: 769-115/000-039 1-conductor female plug; 4 mm ² ; 15-pole; 4,00 mm ² ; green-yellow, blue, gray	www.wago.com/769-115/000-039
	Item no.: 769-121 2-conductor female connector; 4 mm ² ; 1-pole; 4,00 mm ² ; gray	www.wago.com/769-121
	Item no.: 769-122 2-conductor female connector; 4 mm ² ; 2-pole; 4,00 mm ² ; gray	www.wago.com/769-122
	Item no.: 769-123 2-conductor female connector; 4 mm ² ; 3-pole; 4,00 mm ² ; gray	www.wago.com/769-123
	Item no.: 769-124 2-conductor female connector; 4 mm ² ; 4-pole; 4,00 mm ² ; gray	www.wago.com/769-124
	Item no.: 769-125 2-conductor female connector; 4 mm ² ; 5-pole; 4,00 mm ² ; gray	www.wago.com/769-125
	Item no.: 769-127 2-conductor female connector; 4 mm ² ; 7-pole; 4,00 mm ² ; gray	www.wago.com/769-127
	Item no.: 769-128 2-conductor female connector; 4 mm ² ; 8-pole; 4,00 mm ² ; gray	www.wago.com/769-128
	Item no.: 769-129 2-conductor female connector; 4 mm ² ; 9-pole; 4,00 mm ² ; gray	www.wago.com/769-129
	Item no.: 769-130 2-conductor female connector; 4 mm ² ; 10-pole; 4,00 mm ² ; gray	www.wago.com/769-130

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Item no.: 769-131
2-conductor female connector; 4 mm²; 11-pole; 4,00 mm²; gray

www.wago.com/769-131



Item no.: 769-132
2-conductor female connector; 4 mm²; 12-pole; 4,00 mm²; gray

www.wago.com/769-132



Item no.: 769-133
2-conductor female connector; 4 mm²; 13-pole; 4,00 mm²; gray

www.wago.com/769-133



Item no.: 769-134
2-conductor female connector; 4 mm²; 14-pole; 4,00 mm²; gray

www.wago.com/769-134



Item no.: 769-135
2-conductor female connector; 4 mm²; 15-pole; 4,00 mm²; gray

www.wago.com/769-135

Downloads

Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf 2.1 MB	Download
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CAD/CAE-Data

CAD data

2D/3D Models 769-666/003-000	URL	Download
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PCB Design

Symbol and Footprint 769-666/003-000	URL	Download
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CAX data for your PCB design, consisting of "schematic symbols and PCB footprints", allow easy integration of the WAGO component into your development environment.

Supported formats:

- Accel EDA 14 & 15
- Altium 6 to current version
- Cadence Allegro
- DesignSpark
- Eagle Libraries
- KiCad
- Mentor Graphics BoardStation
- Mentor Graphics Design Architect
- Mentor Graphics Design Expedition 99 and 2000

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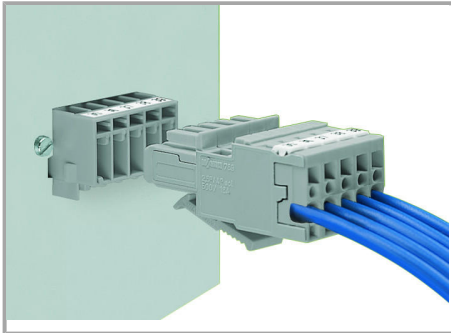
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- OrCAD 9.X PCB and Capture
- PADS PowerPCB 3, 3.5, 4.X, and 5.X
- PADS PowerPCB and PowerLogic 3.0
- PCAD 2000, 2001, 2002, 2004, and 2006
- Pulsonix 8.5 or newer
- STL
- 3D STEP
- TARGET 3001!
- View Logic ViewDraw
- Quadcept
- Zuken CadStar 3 and 4
- Zuken CR-5000 and CR-8000

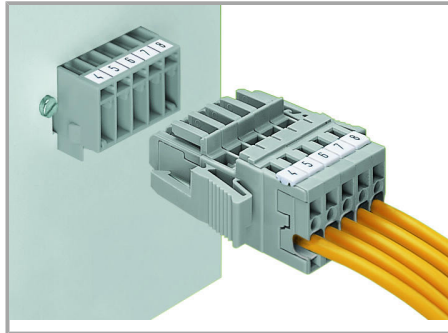
PCB Component Libraries (EDA), PCB CAD Library Ultra Librarian

Installation Notes

Application



Male header with mounting flanges



Male header with mounting flanges

1-conductor female plug with bottom-mount locking levers

1-conductor female plug with lateral locking levers

Product family

X-COM

[Learn more about the product family.](#)

[Show all products from the family](#)

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