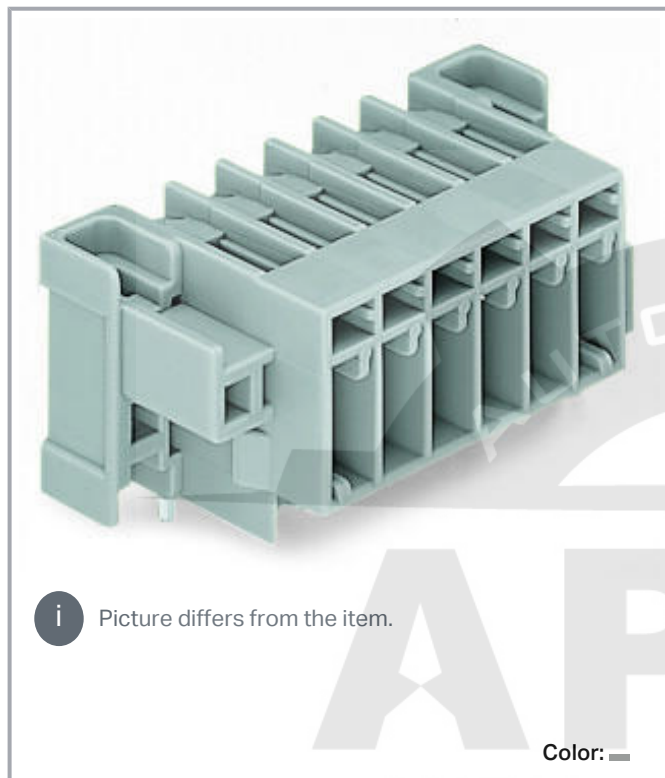


Data sheet | Item number: 769-665/004-000

X-COM® through-panel PCB connector (male); with angled solder pins; 1 x 1 mm; horizontal mounting; 5-pole; pin spacing 5 mm / 0.197 in; with fixing flanges

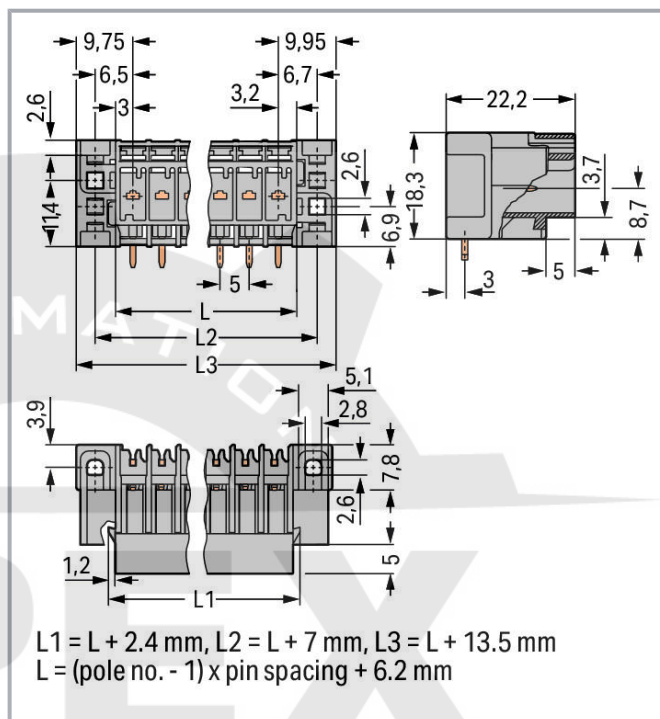


www.wago.com/769-665_004-000



 Picture differs from the item.

Color: 



Data

Electrical data

IEC Approvals

Rated voltage (III / 3)	250 V
Rated surge voltage (III/3)	4 kV
Rated voltage (III/2)	500 V
Rated surge 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 Corporation
Germantown, WI 53022
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
Email: info.us@wago.com | Web: www.wago.us

Do you have any questions about our products?
We are always happy to take your call at (262) 255-6222 or 1 800-DIN-RAIL.

Connection data

Pole No.	5
Total number of potentials	5
Number of levels	1
Preceding contacts	0

Physical data

Pin spacing	5 mm / 0.197 inch
Width	39.7 mm / 1.563 inch
Height from the surface	18.3 mm / 0.72 inch
Depth	22.2 mm / 0.874 inch

Mechanical data

Mounting type	Feedthrough flange
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Plug-in connection

Contact type (pluggable connector)	Male header
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
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.155 MJ
Weight	7 g

Commercial data

Product Group	18 (X-COM-System)
Packaging type	BOX

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

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Country of origin	PL
GTIN	4044918396738
Customs tariff number	8536694040

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	UL 1059	20190731-

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



Underwriters Laboratories Inc.

E45172

Optional accessories

Coding

	Item no.: 769-435 Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors; orange	www.wago.com/769-435
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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

Downloads

Documentation

Bid Text

769-665/004-000 doc - Datei	Oct 4, 2017	doc 25.6 kB	Download
769-665/004-000 X81 - Datei	Feb 19, 2019	xml 3.1 kB	Download

Additional Information

Technical explanations	Apr 3, 2019	pdf 2.2 MB	Download
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CAD files

PCB Design

Symbol and Footprint 769-665/004-000	URL	Download
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Subject to changes. Please also observe the further product documentation!

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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
- 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

CAE data

ZUKEN Portal 769-665/004-000	URL	Download
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CAD data

2D/3D Models 769-665/004-000	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 769-665/004-000

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

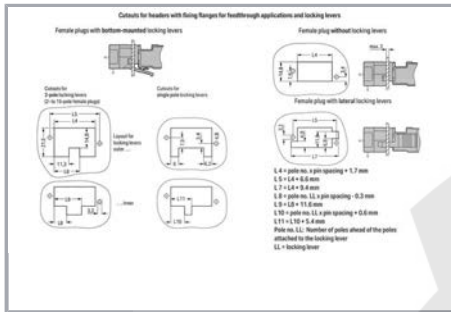
WAGO Corporation
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THT male header; 1.0 x 1.0 mm solder pin; angled; Feedthrough flange; Pin spacing 5 mm; 5-pole; gray

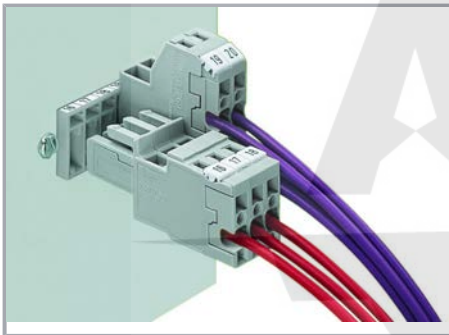
Installation Notes

Installation

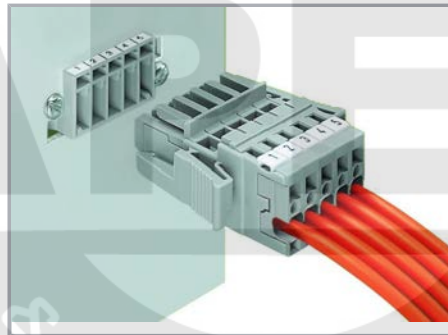


Cutouts for male headers with feedthrough flanges and locking levers

Application



Header with straight or right angle solder pins and mounting flanges



Male header and 1-conductor female plug with lateral locking levers

1-conductor female plug, straight

2-conductor female plug

Product family

X-COM

[Show all products from the family](#)

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