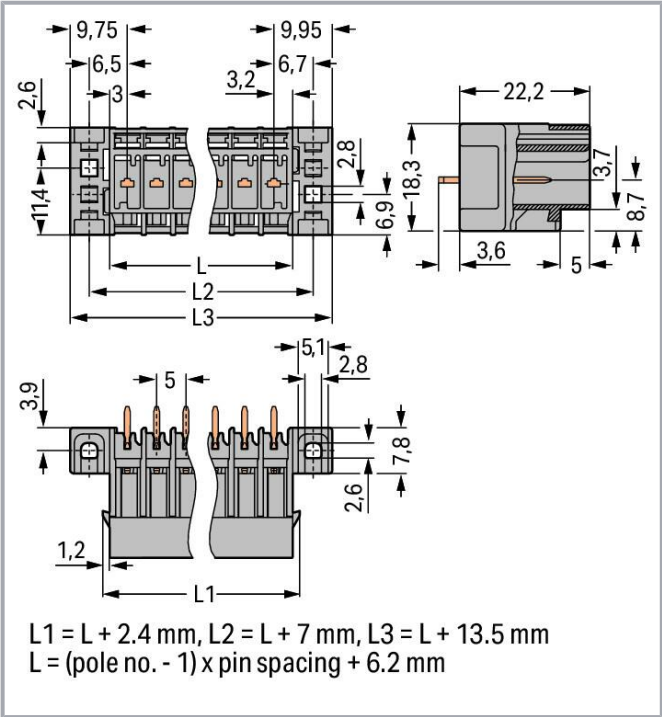


Data sheet | Item number: 769-636/003-000

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

www.wago.com/769-636/003-000



Data

Electrical data

Ratings per IEC/EN

Nominal 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

Connection data

Total number of potentials	6
Number of levels	1

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

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Preceding contacts	No
--------------------	----

Connection 1

Pole number	6
-------------	---

Physical data

Pin spacing	5 mm / 0.197 inches
Width	44.7 mm / 1.76 inches
Height from the surface	22.2 mm / 0.874 inches
Depth	18.3 mm / 0.72 inches

Mechanical Data

Variable coding	Yes
Mounting type	Mounting flange
Anti-rotation protection	Yes

Plug-in connection

Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for PCB
Mismating protection	No
Plugging without loss of pin spacing	No
Mating direction to the PCB	90 °

PCB contact

PCB contact	THT
-------------	-----

Material data

Note (material data)	Information on material specifications can be found here
Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.257 MJ
Weight	7.1 g

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Environmental requirements

Processing temperature	-35 ... +85 °C
Continuous operating temperature	-60 ... +105 °C

Commercial data

Product Group	18 (X-COM-System)
eCl@ss 10.0	27-44-04-02
eCl@ss 9.0	27-44-04-02
ETIM 8.0	EC002637
ETIM 7.0	EC002637
PU (SPU)	25 pcs
Packaging type	box
Country of origin	PL
GTIN	4044918270694
Customs tariff number	85366930000

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General 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 CSA Group	C22.2	1101144
	KEMA/KEUR	EN 60947	2190419.01

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DEKRA Certification B.V.



	UL	UL 1977	E 45171
	Underwriters Laboratories Inc.		
	UR	UL 1059	E45172
	Underwriters Laboratories Inc.		

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity	-	-
	WAGO GmbH & Co. KG		
	UK-Declaration of Conformity	-	-
	WAGO GmbH & Co. KG		

Approvals for marine applications

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

Counterpart



Item no.769-106/021-000

1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 6-pole; coding finger; Lateral locking levers; 4,00 mm²; gray

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



Item no.769-106

1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 6-pole; coding finger; 4,00 mm²; gray

www.wago.com/769-106

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

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Item no.769-126
2-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 6-pole; coding finger; 4,00 mm²; gray www.wago.com/769-126

Optional accessories

Marking accessories

Marking strip			
	Item no.: 210-831 Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white	www.wago.com/210-831	
	Item no.: 210-833 Marking strips; 25 m on roll; 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	
	Item no.: 210-832 Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white	www.wago.com/210-832	

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

Downloads
Documentation

Bid Text			
769-636/003-000 X81 - Datei	2019 Feb 19	xml 3.1 kB	Download
769-636/003-000 doc - Datei	2017 Oct 4	doc 25.6 kB	Download
Additional Information		pdf 2.3 MB	Download

CAD/CAE-Data
CAD data

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2D/3D Models 769-636/003-000

URL

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PCB Design

Symbol and Footprint via Ultra Librarian 769-636/003-000

URL

Download

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
- Altair
- Altium 6 to current version
- Autodesk Fusion 360
- 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
- Zuken eCADSTAR 2020 and 2021Zuken CR-5000 and CR-8000

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

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[URL](#) [Download](#)

Symbol and Footprint via SamacSys 769-636/003-000
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:

- 3D (stp)
- Altium
- CADSTAR
- Capture
- CircuitStudio
- CR-5000
- CR-8000
- DEHDL
- DesignSpark PCB
- DesignSpark PCB PRO
- DipTrace
- EAGLE
- Easy-PC
- EasyEDA
- eCADSTAR
- KiCad
- OrCAD_Allegro16
- PADS
- Proteus
- Pulsonix
- Quadcept
- SOLIDWORKS PCB
- TARGET 3001!
- xDX Designer
- Xpedition

PCB Component Libraries (EDA), PCB CAD Library SamacSys Electronic Component Search Engine

CAE data

ZUKEN Portal 769-636/003-000	URL	Download
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Asset Administration Shell

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 769-636/003-000

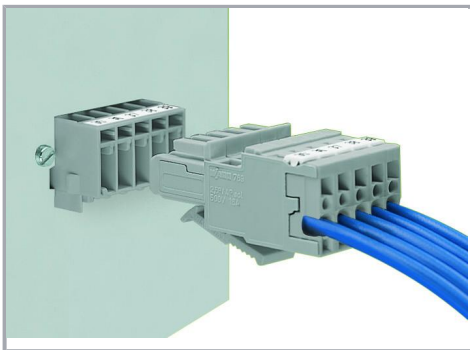
[URL](#)

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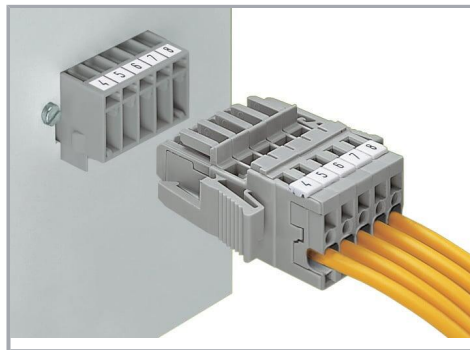
THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm;
6-pole; gray

Installation Notes

Application



Male header with mounting flanges
1-conductor female plug with bottom-mount
locking levers



Male header with mounting flanges
1-conductor female plug with lateral locking
levers

Product family

X-COM

[Show all products from the family](#)

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