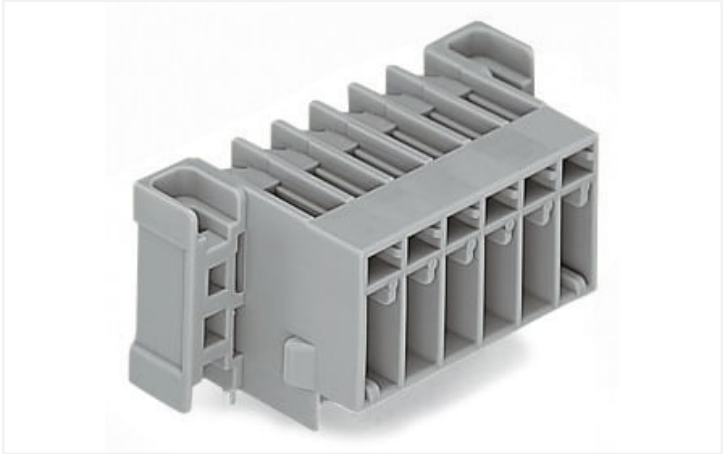
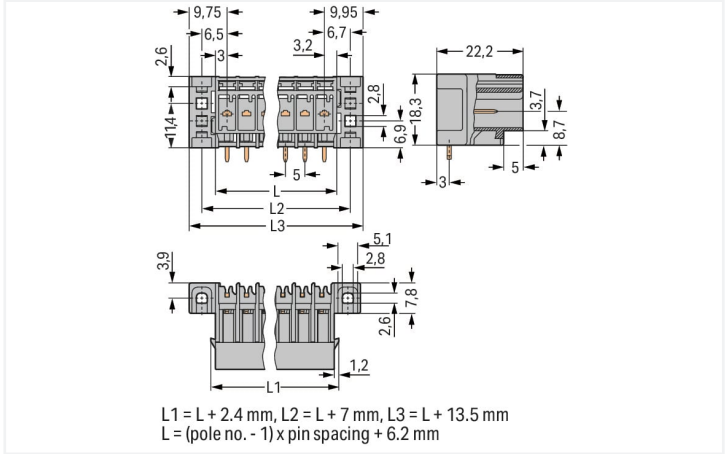


Data Sheet | Item Number: 769-670/003-000
THT male header; 1.0 x 1.0 mm solder pin; angled; clamping collar; Pin spacing 5 mm; 10-pole; gray
<https://www.wago.com/769-670/003-000>



Color: ■ gray

Similar to illustration



Dimensions in mm

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	10
Number of levels	1
Preceding contacts	No

Connection 1	
Pole number	10

Physical data

Pin spacing	5 mm / 0.197 inches
Width	64.7 mm / 2.547 inches
Height from the surface	18.3 mm / 0.72 inches
Depth	22.2 mm / 0.874 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
Mating direction to the PCB		0°

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		0.349 MJ
Weight		11.5 g

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		4044918397056
Customs tariff number		85366930000

Environmental Product Compliance		
RoHS Compliance Status		Compliant, No Exemption



Approvals / Certificates

General approvals



Approval	Standard	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 DEKRA Certification B.V.	EN 60947	2190419.01
UL Underwriters Laboratories Inc.	UL 1977	E 45171
UR Underwriters Laboratories Inc.	UL 1059	E45172

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

Approvals for marine applications



Approval	Standard	Certificate Name
DNV GL Det Norske Veritas, Ger- manischer Lloyd	-	TAE00001V2

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 769-670/003-000



Documentation

Additional Information
Technical Section

pdf
2240.62 KB



Bid Text			
769-670/003-000	19.02.2019	xml 3.02 KB	↓
769-670/003-000	04.10.2017	doc 25.00 KB	↓



CAD/CAE-Data

CAD data	CAE data
2D/3D Models 769-670/003-000	ZUKEN Portal 769-670/003-000

1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



Item No.: 769-110
1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 10-pole; coding finger; 4,00 mm²; gray



Item No.: 769-110/021-000
1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 10-pole; coding finger; Lateral locking levers; 4,00 mm²; gray



Item No.: 769-130
2-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 10-pole; coding finger; 4,00 mm²; gray

1.2 Optional Accessories

1.2.1 Coding

1.2.1.1 Coding



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

1.2.2 Marking

1.2.2.1 Marking strip



Item No.: 210-833
Marking strips; 25 m on roll; 6 mm wide; plain; Self-adhesive; white



Item No.: 210-831
Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white



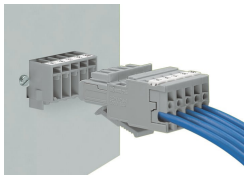
Item No.: 210-832
Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white



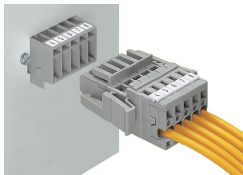
Item No.: 210-834
Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white

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