

Fișă tehnică | Număr articol: 231-138/001-000/105-604

THR male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 8-pole; black



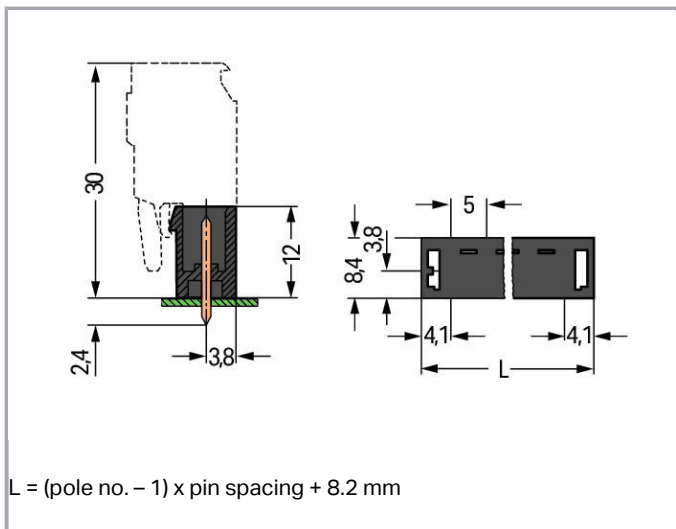
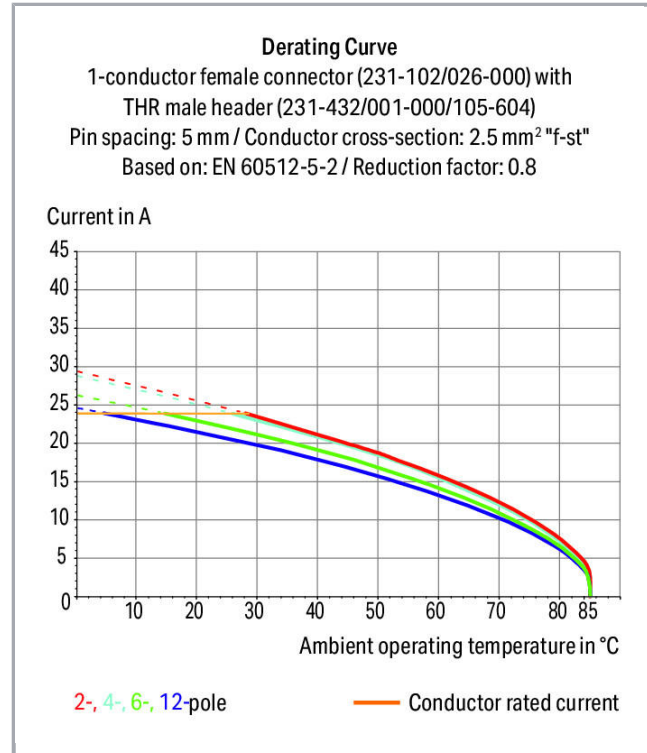
www.wago.com/231-138/001-000/105-604



RoHS Compliant

BOMcheck.net

Culoare: ■



Supus modificărilor.

WAGO Kontakttechnik GmbH & Co. KG
/Representative Office Romania
Sos. Pipera-Tunari nr. 1/1
building 1, 2nd floor | 077190 Voluntari, Ilfov
Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com

Aveți întrebări despre produsele noastre?
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.



Descriere articol

- THR male headers for reflow soldering in SMT applications
- Available in tape-and-reel packaging for automated pick-and-place PCB assembly
- Also available in bulk packaging for manual placement
- Male headers may be mounted horizontally or vertically
- With coding fingers

Safety information 1:

The *MULTI CONNECTION SYSTEM (MCS)* is designed without breaking capacity for compliance with DIN EN 61984. When used as intended, MCS Connectors shall not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

Date

Electrical data

Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	320 V
Rated surge voltage (III/3)	4 kV
Rated voltage (III/2)	320 V
Rated surge voltage (III/2)	4 kV
Nominal voltage (II/2)	630 V
Rated surge voltage (II/2)	4 kV
Rated current	12 A
Legend (ratings)	(III / 2) $\hat{=}$ Overvoltage category III / Pollution degree 2

Approvals per UL 1059

Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	10 A
Rated voltage UL (Use Group D)	300 V
Rated current UL (Use Group D)	10 A
Approvals per	UL 1059

Approvals per UL 1977

Rated voltage UL 1977	600 V
Rated current UL 1977	10 A

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Approvals per CSA

Rated voltage CSA (Use Group B)	300 V
Rated current CSA (Use Group B)	10 A
Rated voltage CSA (Use Group D)	300 V
Rated current CSA (Use Group D)	10 A

Connection data

Pole No.	8
Total number of potentials	8
Number of connection types	1
Number of levels	1

Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	43,2 mm / 1.701 inch
Height	14,4 mm / 0.567 inch
Height from the surface	12 mm / 0.472 inch
Depth	8,4 mm / 0.331 inch
Solder pin length	2,4 mm
Solder pin dimensions	1 x 1 mm
Plated through-hole diameter (THR)	1,4 ^(+0,1) mm

Plug connection

Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for PCBs
Mismating protection	No
Mating direction to the PCB	90°

PCB contact

PCB contact	THR
Solder pin arrangement	over the entire male connector, in line
Number of solder pins per potential	1

Material Data

Color	black
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Supus modificărilor.

Material group	I
Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Electrolytic copper (E _{Cu})
Contact plating	tin-plated
Fire load	0,058 MJ
Weight	2,7 g

Environmental Requirements


Limit temperature range	-60 ... +100 °C
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Commercial data


Product Group	3 (Multi Conn. System)
Packaging type	BOX
Country of origin	PL
GTIN	4044918847384
Customs tariff number	85366990990

Aprobări / certificate

Country specific Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	CSA DEKRA Certification B.V.	C22.2	LR 18677- 25

Ship Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	ABS American Bureau of Shipping	-	19- HG1869876- PDA

UL-Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	UL Underwriters Laboratories Inc.	UL 1059	20190731- E45172

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UR

UL 1977

E45171



UL International Germany GmbH

Counterpart



Nr. articol 231-108/026-000

1-conductor female plug; 2.5 mm²; Pin spacing 5 mm; 8-pole; 2,50 mm²; graywww.wago.com/231-108/026-000

Produse compatibile

Coding



Nr. articol: 231-129

Coding key; snap-on type; light gray

www.wago.com/231-129

Nr. articol: 231-500

Spacer; for formation of groups; light gray

www.wago.com/231-500

Marking accessories



Nr. articol: 210-833

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

www.wago.com/210-833

Nr. articol: 210-834

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

www.wago.com/210-834

Descărcări

Documentation

Additional Information

Technical explanations

Apr 3, 2019

pdf
3,6 MB

Descărcare

CAD/CAE-Data

CAD data

2D/3D Models 231-138/001-000/105-604

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	URL	Descărcare
CAE data		
EPLAN Data Portal 231-138/001-000/105-604	URL	Descărcare
PCB Design		
Symbol and Footprint 231-138/001-000/105-604	URL	Descărcare
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:		
<ul style="list-style-type: none"> ■ 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		
Installation Notes		
Coding		
Supus modificărilor.		
WAGO Kontakttechnik GmbH & Co. KG /Representative Office Romania Sos. Pipera-Tunari nr. 1/1 building 1, 2nd floor 077190 Voluntari, Ilfov Tel.: +40-(0)31 421 85 68 Email: info-RO@wago.com		Aveți întrebări despre produsele noastre? Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.

CAE data

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URL Descărcare

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Installation Notes**Coding**

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Coding a male header – fitting coding key(s).

Familie de produse

MCS MIDI Classic

Afișare globală produse din familie.

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