

Data sheet | Item number: 734-469

THT female header; 0.9 x 0.9 mm solder pin; straight; 100% protected against mismatching; Pin spacing 3.5 mm; 9-pole

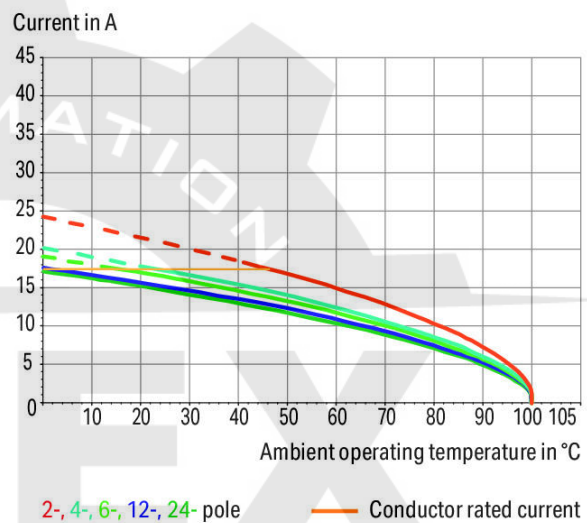


734-469



Derating Curve

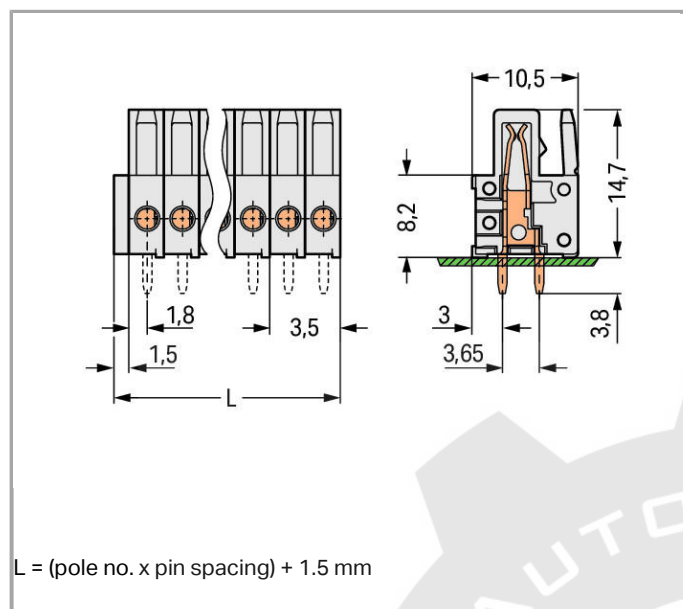
THT female header (734-532) with
1-conductor male connector (734-302)
Pin spacing: 3.5 mm / Conductor cross-section: 1.5 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 0.8



RoHS ☒ Compliant

BOMcheck.net

Color: ☐



Item description

- Horizontal or vertical PCB mounting via straight or angled solder pins
- Integrated test ports for 2 mm Ø test plugs
- For board-to-board and board-to-wire connections
- Touch-proof PCB outputs
- Easy-to-identify inputs and outputs
- 100% protected against mismating
- Coding via coding fingers

Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	160 V
Rated impulse voltage (III / 3)	2.5 kV
Rated voltage (III / 2)	160 V
Rated impulse voltage (III / 2)	2.5 kV
Rated voltage (II / 2)	320 V
Rated impulse voltage (II / 2)	2.5 kV
Rated current	10 A

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 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

No. of poles	9
Total number of connection points	9
Total number of potentials	9
Number of connection types	1
Number of levels	1

Geometrical Data

Pin spacing	3.5 mm / 0.138 inch
Width	33 mm / 1.299 inch
Height	18.5 mm / 0.728 inch
Height from the surface	14.7 mm / 0.579 inch
Depth	10.5 mm / 0.413 inch
Solder pin length	3.8 mm
Solder pin dimensions	0.9 x 0.9 mm
Drilled hole diameter (tolerance)	1.4 ^(- ... +0.1) mm

Plug connection

Contact type (pluggable connector)	Female connector/socket
Connector connection type	for PCBs
Mismating protection	Yes
Mating direction to the PCB	90°

PCB contact

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

Material Data

Color	light gray
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Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Contact material	Copper alloy
Contact plating	tin-plated
Fire load	0.075 MJ
Weight	4.88 g

Environmental Requirements

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

Product Group	3 (Multi Conn. System)
Country of origin	DE
GTIN	4044918999892
Customs Tariff No.	85366990990

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CB DEKRA Certification B.V.	EN 61984	NL-54190
	CSA DEKRA Certification B.V.	C22.2	1465035
	KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-105522

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE000016Z

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL	UL 1977	E45171



UL International Germany GmbH



UR
Underwriters Laboratories Inc.

UL 1059

20190122-
E45172

Downloads

CAD/CAE - Smart Data

CAD data

3D Download 734-469

URL

Download

PCB libraries

TARGET Library for WAGO Pluggable PCB Connectors (Multi-Connection System)

1.1.0

zip

Download

Compatible with TARGET PCB Design Software Version 17.x

Oct 6, 2014

7.4 MB

EAGLE Library for WAGO Pluggable PCB Connectors (MULTI CONNECTION SYSTEM)

2.1

zip

Download

Compatible with EAGLE PCB Design Software Version 6.x or higher

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6.2 MB

DesignSpark Library for WAGO Pluggable PCB Connectors (MULTI CONNECTION SYSTEM)

2.1

zip

Download

Compatible with DesignSpark PCB Version 4.x or higher

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6.1 MB

Subject to changes.