

**Data sheet | Item number: 734-232**

THT male header; 1.0 x 1.0 mm solder pin; straight; 100% protected against mismatching; Pin spacing 3.81 mm; 2-pole



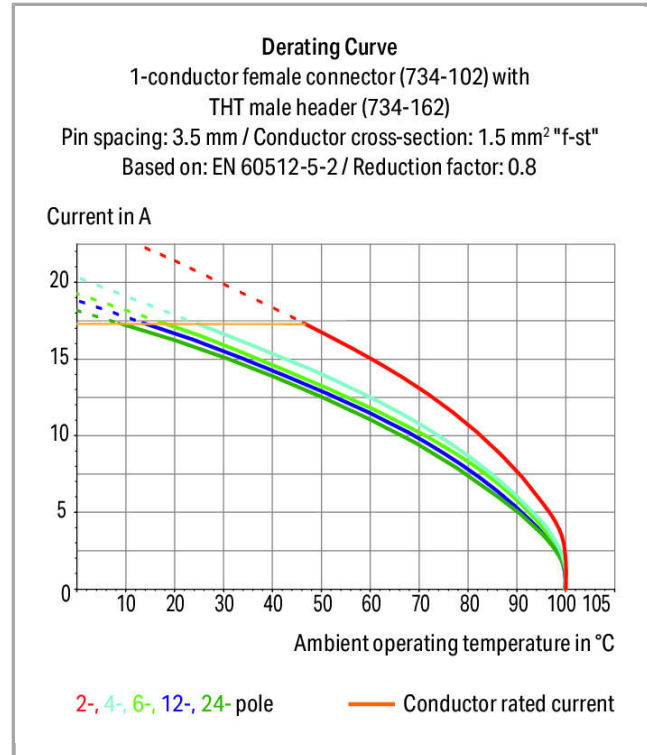
734-232

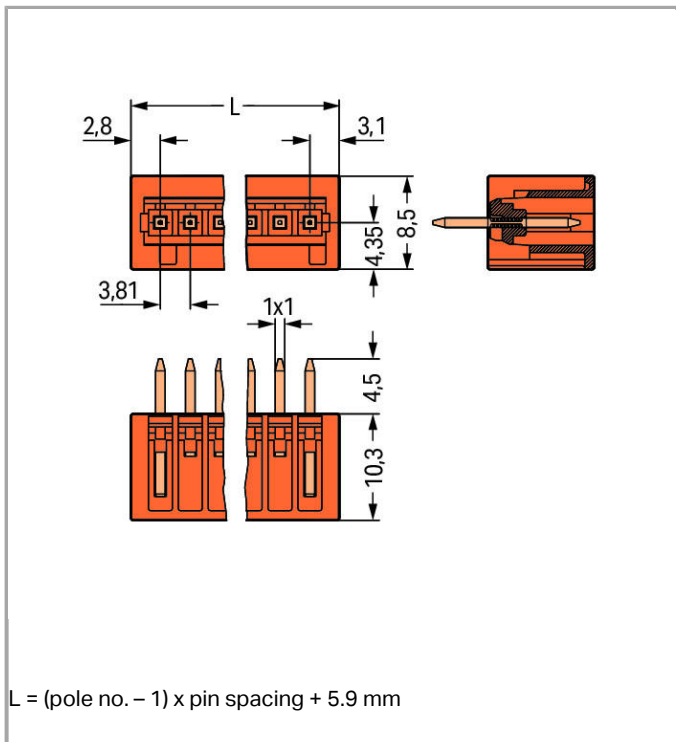


RoHS  Compliant

[BOMcheck.net](https://www.bomcheck.net)

Color: ■





### Item description

- Horizontal or vertical PCB mounting via straight or angled solder pins
- 100 % protected against mismatching; only mating halves with the same number of poles can be connected together
- 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	2
Total number of potentials	2
Number of connection types	1
Number of levels	1

### Geometrical Data

Pin spacing	3.81 mm / 0.15 inch
Width	9.71 mm / 0.382 inch
Height	14.8 mm / 0.583 inch
Height from the surface	10.3 mm / 0.406 inch
Depth	8.5 mm / 0.335 inch
Solder pin length	4.5 mm
Solder pin dimensions	1 x 1 mm
Drilled hole diameter (tolerance)	1.4 <sup>(- ... +0.1)</sup> mm

### Plug connection

Contact type (pluggable connector)	Male connector/plug
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 male connector, in line
Number of solder pins per potential	1

### Material Data

Color	orange
Material group	I
Insulating material	Polyamide 66 (PA 66)

Flammability class per UL94	V0
Contact material	Electrolytic copper (E <sub>Cu</sub> )
Contact plating	tin-plated
Fire load	0.011 MJ
Weight	0.6 g

### Environmental Requirements


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

### Commercial data


Product Group	3 (Multi Conn. System)
Country of origin	DE
GTIN	4044918847810
Customs Tariff No.	85366990990

### Approvals / Certificates

#### Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>CB</b> DEKRA Certification B.V.	EN 61984	NL-54190
	<b>KEMA/KEUR</b> DEKRA Certification B.V.	EN 61984	71-105522

#### Ship Approvals

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

### Compatible products

#### Coding

	<b>Item no.: 734-130</b> Coding key; to be snapped above top level	734-130
	<b>Item no.: 734-159</b> Coding key; to be snapped above top level	734-159



Downloads

Documentation

Additional Information

pdf  
3.6 MB

Download

---

CAD/CAE - Smart Data

CAD data

3D Download 734-232

URL

Download

---

Subject to changes.

---