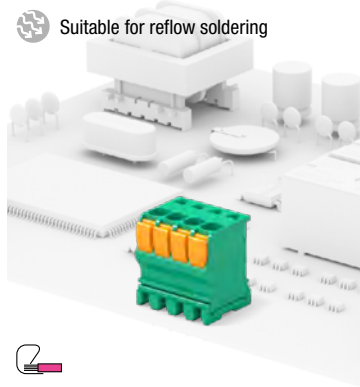


Suitable for reflow soldering

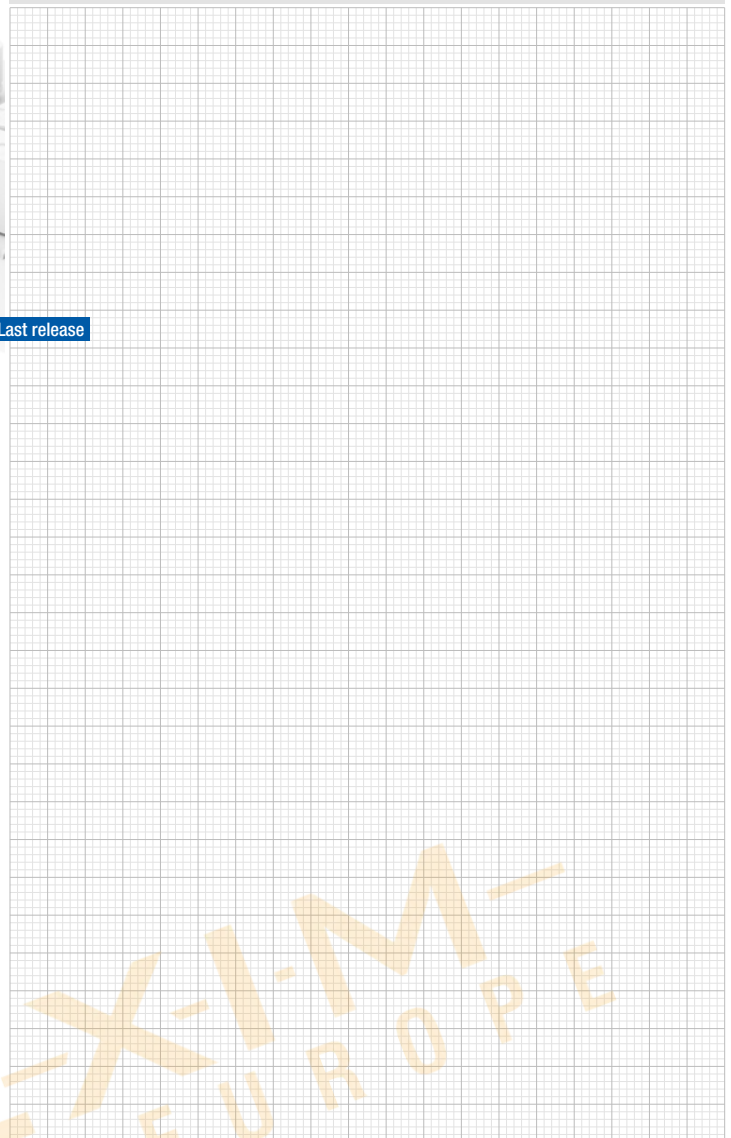
STH for reflow soldering

MSL1



Last release

Your drawings and notes



### General data

**Dimensional class:** low  
**Standard colour:** green for wave soldering, black for reflow soldering  
**Pitches:** metric 3.5 mm, 7 mm (.138 in, .276 in)  
 imperial 3.81 mm, 7.62 mm (.150 in, .300 in)  
**PCB thickness:** max. 2.4 mm (.094 in)  
**PCB hole diameter:** min. 1.4 mm (.055 in)  
**Stripping length:** 9 ÷ 10 mm (.41 ÷ .45 in)  
**Operating temperature range:** -40 °C ÷ +65 °C (-40 °F ÷ +149 °F)  
**STH operating temperature range:** -40 °C ÷ +65 °C (-40 °F ÷ +149 °F)  
**Contact resistance:** <15 mΩ  
**Insulating material group:** I (CTI ≥ 600V)  
**Self-extinguishing class UL94:** V0  
**Insulation resistance:** >10<sup>9</sup> Ω (500V DC)

### Certifications

**UL (n. E167473)**

300 V - 9 A - 30÷16 AWG for 3.5 mm, 3.81 mm, 7 mm and 7.62 mm pitch

### Data according to

**IEC EN 60947-7-4**

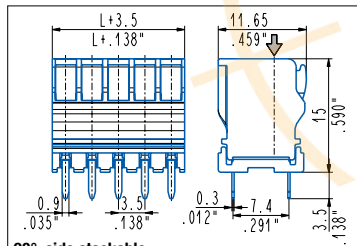
130 V - 10 A - 1.5 mm<sup>2</sup> solid and stranded for 3.5 mm and 3.81 mm pitch  
 750 V - 10 A - 1.5 mm<sup>2</sup> solid and stranded for 7 mm and 7.62 mm pitch

Application values for end-use equipment have to be in accordance to norms and applicable to it. The certifications of some product's versions could be pending, for more detailed and updated data please refer to our web site [www.sauro.net](http://www.sauro.net) or your representative Sales Manager.

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### 90°, side stackable

- MMT\_008 - 2÷20 poles, 3,5 mm .138" pitch
- MMT\_009 - 2÷10 poles, 7 mm .276" pitch
- MMT\_00T - 2÷16 poles, 3,81 mm .150" pitch
- MMT\_007 - 2÷8 poles, 7,62 mm .300" pitch
- MMTH\_008-0N - 2÷20 poles, 3,5 mm .138" pitch
- MMTH\_009-0N - 2÷10 poles, 7 mm .276" pitch
- MMTH\_00T-0N - 2÷16 poles, 3,81 mm .150" pitch
- MMTH\_007-0N - 2÷8 poles, 7,62 mm .300" pitch



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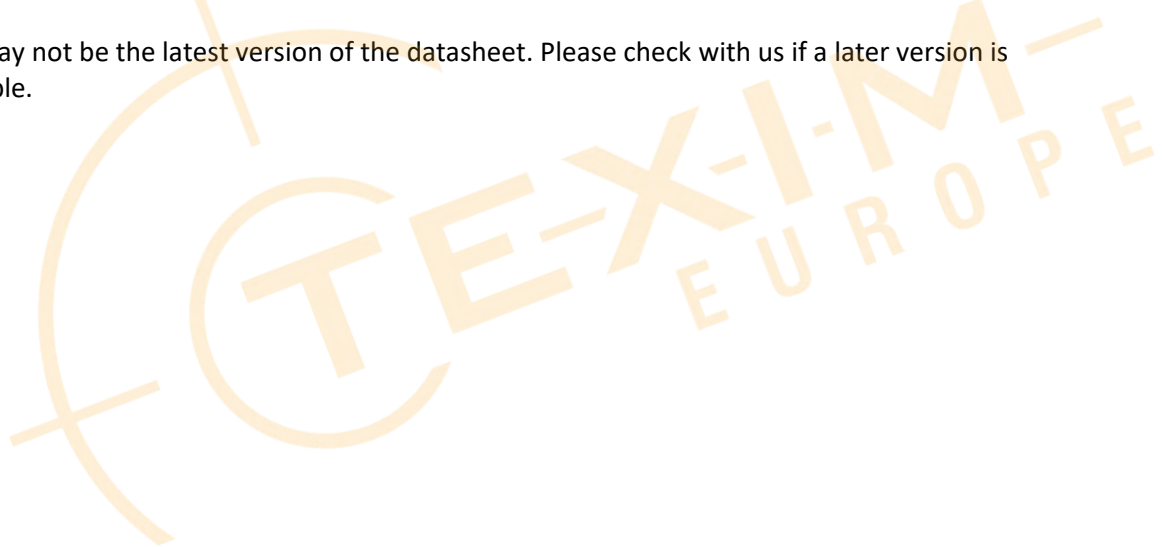
It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application.

Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time.

All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.

Please contact us if you have any questions about the contents of the datasheet.

This may not be the latest version of the datasheet. Please check with us if a later version is available.





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