

**STH** for reflow soldering

**MSL1**



**SMD** for reflow soldering

**MSL1**



Closed clamp



Last release

### General data

**Dimensional class:**

low

**Standard colour:**

black

**Pitches:**

metric 3.5 mm, 7 mm (.138 in, .275 in)

imperial 3.81 mm, 7.62 mm (.150 in, .300 in)

**Screw dimension:**

M2

**Recommended/highest tightening torque:**

0.2/0.25 Nm (1.77/2.21 lbf-in)

**PCB thickness:**

max. 2.4 mm (.094 in)

**PCB hole diameter for pin:**

min. 1.3 mm (.051 in)

**PCB hole diameter for peg:**

1.4 mm (.055 in)

**Stripping length:**

5÷6 mm (.197 in)

**Operating temp. range:**

-40 °C ÷ +105 °C (-40 °F ÷ +221 °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 - 12 A factory wiring - 10 A field wiring - 28÷16 AWG

### Data according to

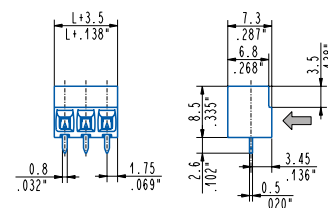
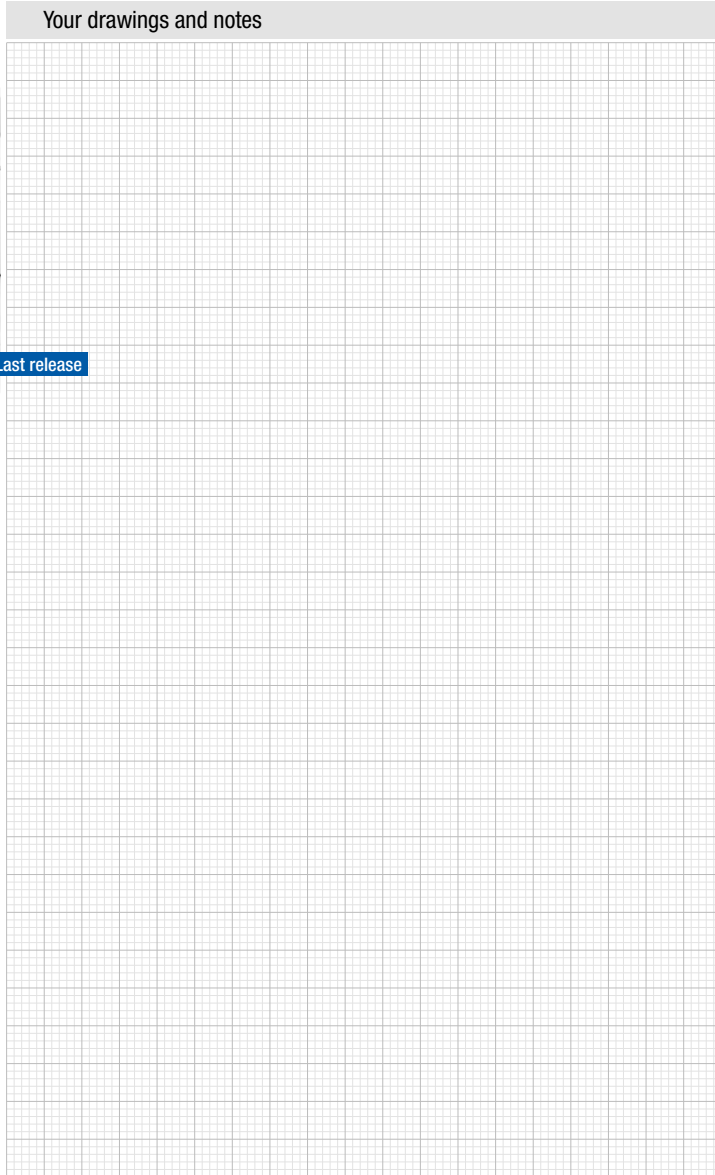
**IEC EN 60947-7-4**

130 V - 17.5 A - 1.5 mm<sup>2</sup> solid, (12 A - 1 mm<sup>2</sup> stranded) for 3.5 mm and 3.81 mm pitch

750 V - 17.5 A - 1.5 mm<sup>2</sup> solid, (12 A - 1 mm<sup>2</sup> 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.

A higher number of poles is obtained by combining together **modular** parts.



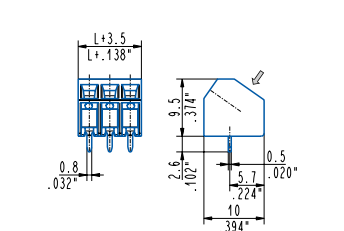
### 0°, side stackable

**MTBH\_008-ON** 2÷12 poles, 3.5 mm / .138" pitch

**MTBH\_009-ON** 2÷6 poles, 7 mm / .276" pitch

**MTBH\_007-ON** 2÷12 poles, 3.81 mm / .150" pitch

**MTBH\_007-ON** 2÷6 poles, 7.62 mm / .300" pitch



### 55°, side stackable

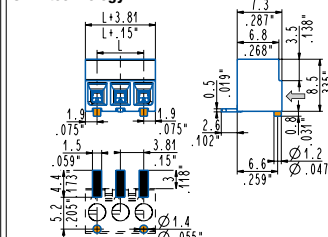
**MTBH\_068-ON** 2÷12 poles, 3.5 mm / .138" pitch

**MTBH\_069-ON** 2÷6 poles, 7 mm / .276" pitch

**MTBH\_067-ON** 2÷12 poles, 3.81 mm / .150" pitch

**MTBH\_067-ON** 2÷6 poles, 7.62 mm / .300" pitch

### SMD technology



### 0°, fixing and positioning pegs, side stackable

**MTBD\_0A8-ONCOP** 2÷12 poles, 3.5 mm .138" pitch

**MTBD\_0A9-ONCOP** 2÷6 poles, 7 mm .276" pitch

**MTBD\_0A7-ONCOP** 2÷12 poles, 3.81 mm .150" pitch

**MTBD\_0A7-ONCOP** 2÷6 poles, 7.62 mm .300" pitch

