# **MSSH** STH® for reflow soldering MSL<sub>1</sub> For resined PCB

#### General data

**Dimensional class:** medium Standard colour: black

Pitches: metric 5 mm, 7.5 mm, 10 mm (.197 in, .295 in, .394 in)

imperial 7.62 mm (.300 in)

Screw dimension:

Recommended/highest tightening torque: 0.5/0.6 Nm (4.42/5.31 lbf·in) PCB thickness: max. 2.4 mm (.094 in) PCB hole diameter: 1.5 mm (.059 in) Stripping length:  $5.5 \div 6.5 \text{ mm } (.22 \div .26 \text{ in})$ Operating temperature range: -40 °C ÷ +105 °C (-40 °F ÷ +221 °F)

Contact resistance: <15 mΩ Insulation resistance: >109 Ω (500V DC) I (CTI ≥ 600V) Insulating material group:

### Data according to

#### UL 1059

300 V - 17.5 A - 30÷12 AWG - 7 lbf·in for 5 mm, 7.5 mm and 7.62 mm pitch

600 V - 17.5 A - 30÷12 AWG - 7 lbf in for 10 mm pitch

#### IEC EN 60947-7-4

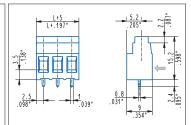
250 V - 24 A - 2.5 mm<sup>2</sup> - T 110 for 5 mm pitch

750 V - 24 A - 2.5 mm<sup>2</sup> - T 110 for 7.5 mm, 7.62 mm, 10 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** or your representative Sales Manager

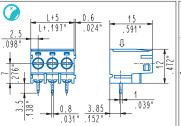


MSSH\_0M1-0N 2÷25 poles, 5 mm / .197" pitch MSSH\_0M3-0N 2÷4 poles, 7.5 mm / .295" pitch MSSH\_0M2-0N 1÷13 poles, 10 mm / .394" pitch

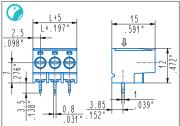


## Straight, side stackable

MSSH\_001-0N 2-25 poles, 5 mm / .197" pitch MSSH\_003-0N 2-4 poles, 7.5 mm / .295" pitch MSSH\_002-0N 2-43 poles, 10 mm / .394" pitch MSSH\_007-0N 2-3 poles, 7.62 mm / .300" pitch



90° "T" version, modular MSSH\_\_TM1-0N 2÷5 poles, 5 mm / .197" pitch



90° "T" version, side stackable MSSH\_\_TA1-0N 2÷5 poles, 5 mm / .197" pitch

## Terminal blocks •



