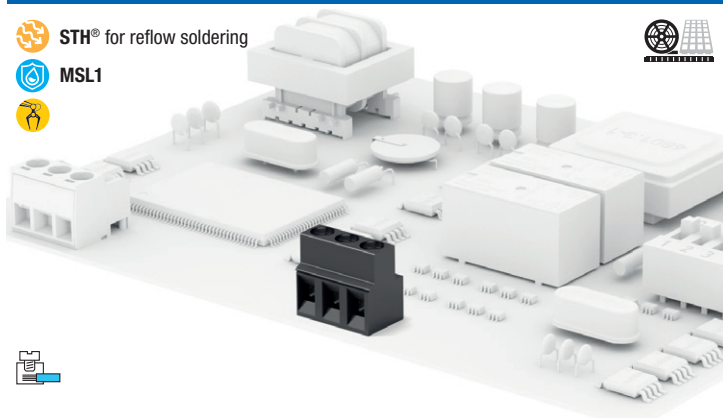


STH® for reflow soldering

MSL1



General data

Dimensional class:	medium
Standard colour:	black
Pitches:	metric 5 mm, 7.5 mm, 10 mm (.197 in, .295 in, .394 in) imperial 5.08 mm, 10.16 mm (.200 in, .300 in, .400 in)
Screw dimension:	M3
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:	min. 1.5 mm (.059 in)
Stripping length:	5.5 ÷ 6.5 mm (.22 ÷ .26 in)
Operating temperature range:	-40 °C ÷ +105 °C (-40 °F ÷ +221 °F)
Contact resistance:	<15 mΩ
Insulation resistance:	>10 ⁹ Ω (500V DC)
Insulating material group:	I (CTI ≥ 600V)

Certifications

UL (n. E167473) *factory wiring - **field wiring

300 V - 17.5 A (*), 15A (**)- 30÷14 AWG - 7 lbf-in for 5 mm, 5.08 mm, 7.5 mm

600 V - 17.5 A (*), 15A (**)- 30÷14 AWG - 7 lbf-in for 10 mm and 10.16 mm pitch

Data according to

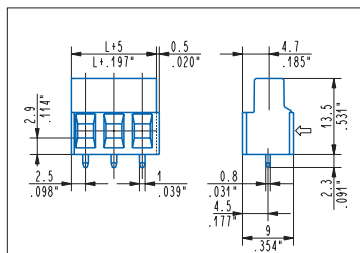
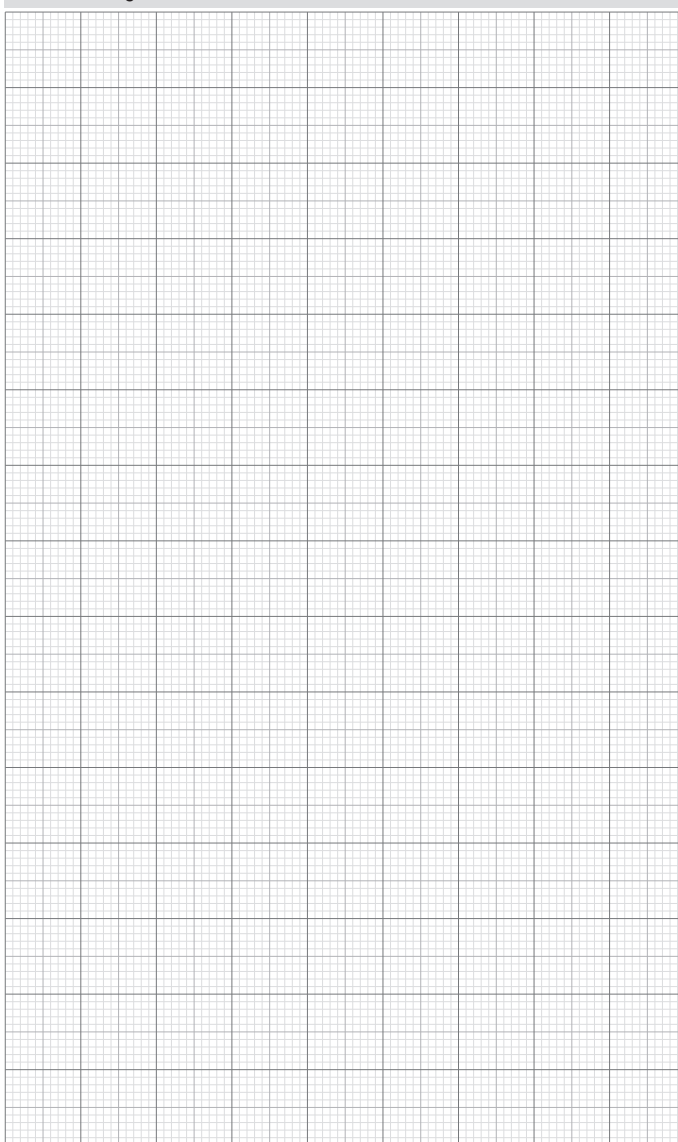
IEC EN 60947-7-4

250 V - T 110 - 24 A - 2.5 mm² solid (17.5 A - 1.5 mm² stranded) for 5 mm and 5.08 mm pitch

750 V - T 110 - 24 A - 2.5 mm² solid (17.5 A - 1.5 mm² stranded) for 7.5 mm, 7.62 mm, 10 mm and 10.16 mm pitch

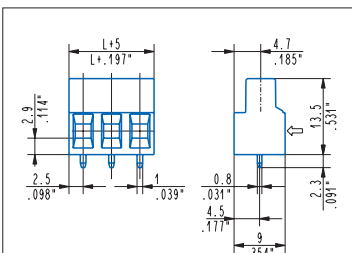
Application values for end-use equipment have to be in accordance to norms and applicable to it. The certifications of some product's versions could be pending, for more detailed and updated data please refer to our web site www.sauro.net or your representative Sales Manager

Your drawings and notes



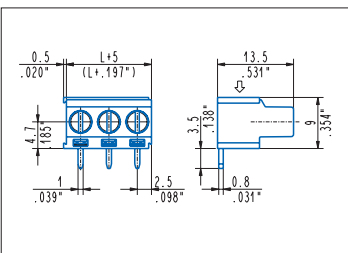
Straight, modular, parallel walls

- MSGH_0M1-ON 2÷5 poles, 5 mm / .197" pitch
- MSGH_0M3-ON 2÷6 poles, 7.5 mm / .295" pitch
- MSGH_0M2-ON 1÷3 poles, 10 mm / .394" pitch
- MSGH_0M5-ON 2÷12 poles, 5.08 mm / .200" pitch
- MSGH_0M6-ON 1÷6 poles, 10.16 mm / .400" pitch



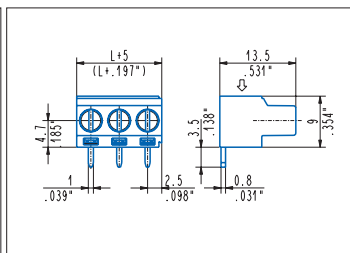
Straight, side stackable, parallel walls

- MSGH_0A1-ON 2÷5 poles, 5 mm / .197" pitch
- MSGH_0A3-ON 2÷6 poles, 7.5 mm / .295" pitch
- MSGH_0A2-ON 2÷3 poles, 10 mm / .394" pitch
- MSGH_0A5-ON 2÷12 poles, 5.08 mm / .200" pitch
- MSGH_0A6-ON 2÷6 poles, 10.16 mm / .400" pitch



90°, modular

- MSGH_9M1-ON 2÷5 poles, 5 mm / .197" pitch
- MSGH_9M3-ON 2÷6 poles, 7.5 mm / .295" pitch
- MSGH_9M2-ON 1÷3 poles, 10 mm / .394" pitch
- MSGH_9M5-ON 2÷5 poles, 5.08 mm / .200" pitch
- MSGH_9M6-ON 1÷3 poles, 10.16 mm / .400" pitch



90°, side stackable

- MSGH_9A1-ON 2÷5 poles, 5 mm / .197" pitch
- MSGH_9A3-ON 2÷6 poles, 7.5 mm / .295" pitch
- MSGH_9A2-ON 2÷3 poles, 10 mm / .394" pitch
- MSGH_9A5-ON 2÷12 poles, 5.08 mm / .200" pitch
- MSGH_9A6-ON 2÷3 poles, 10.16 mm / .400" pitch