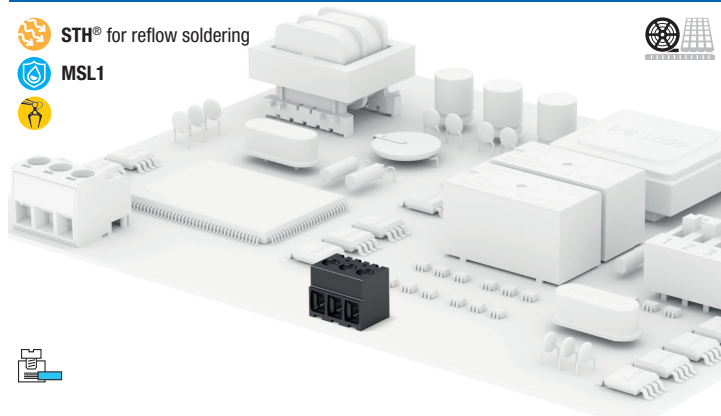


STH® for reflow soldering

MSL1



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:	min. 1.2 mm (.047 in)
Stripping length:	5÷6 mm (.197 in)
Operating temp. 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)

300 V - 12 A factory wiring (10 A field wiring) - 28÷16 AWG - 2.7 lbf-in for 3.5, 3.81, 7, 7.62 mm pitch

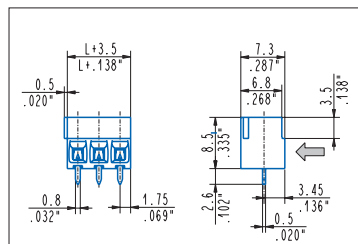
Data according to

IEC EN 60998

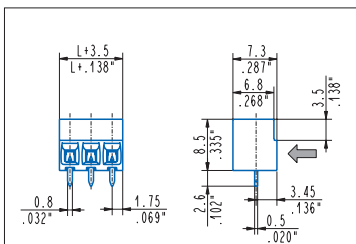
130 V - T 110 - 17.5 A - 1.5 mm² solid (12 A - 1 mm² stranded) for 3.5 mm and 3.81 mm pitch
750 V - T 110 - 17.5 A - 1.5 mm² solid (12 A - 1 mm² stranded) for 7 mm and 7.62 mm pitch

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 or your representative Sales Manager

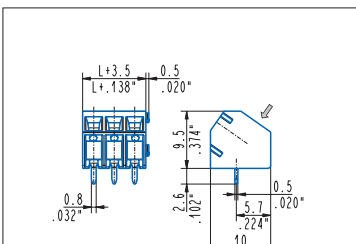
Your drawings and notes



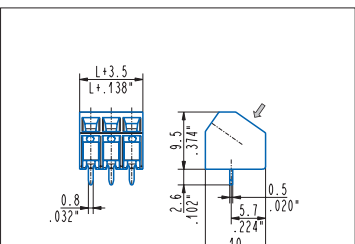
Straight, modular
 MTBH__0M8-ON 2÷12 poles, 3.5 mm / .138" pitch
 MTBH__0M9-ON 1÷6 poles, 7 mm / .276" pitch
 MTBH__0MT-ON 2÷12 poles, 3.81 mm / .150" pitch
 MTBH__0M7-ON 1÷6 poles, 7.62 mm / .300" pitch



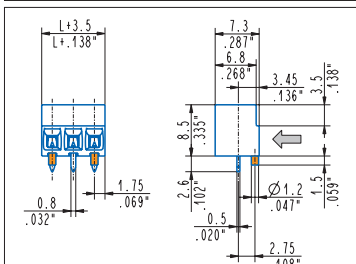
Straight, side stackable
 MTBH__008-ON 2÷12 poles, 3.5 mm / .138" pitch
 MTBH__009-ON 1÷6 poles, 7 mm / .276" pitch
 MTBH__00T-ON 2÷12 poles, 3.81 mm / .150" pitch
 MTBH__007-ON 1÷6 poles, 7.62 mm / .300" pitch



55°, modular
 MTBH__048-ON 2 ÷ 10 poles, 3.5 mm / .138" pitch
 MTBH__049-ON 2 ÷ 5 poles, 7 mm / .276" pitch



55°, side stackable
 MTBH__068-ON 2 ÷ 10 poles, 3.5 mm / .138" pitch
 MTBH__069-ON 1 ÷ 5 poles, 7 mm / .276" pitch



Straight, side stackable, pegs
 MTBH__008-ON00P 2÷12 poles, 3.5 mm .138" pitch
 MTBH__009-ON00P 1÷6 poles, 7 mm .276" pitch
 MTBH__00T-ON00P 2÷12 poles, 3.81 mm .150" pitch
 MTBH__007-ON00P 1÷6 poles, 7.62 mm .300" pitch