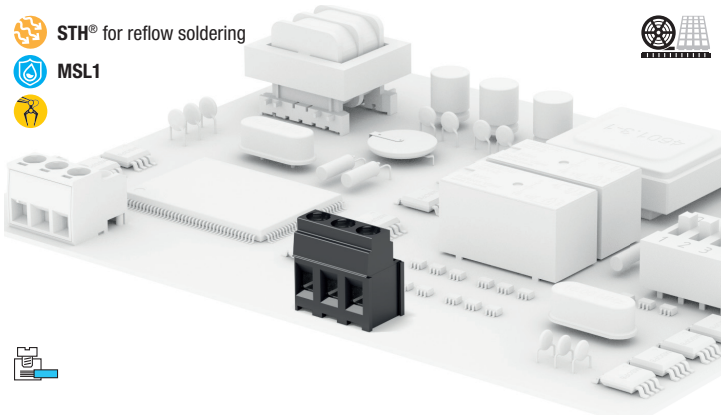
MSMH

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, 7.62 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

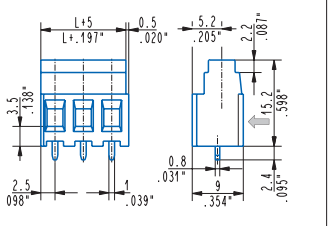
UL (n. E167473)
300 V - 17.5 A - 30÷12 AWG - 7 lbf·in for 5 mm, 5.08 mm, 7.5 mm and 7.62 mm pitch
600 V - 17.5 A - 30÷12 AWG - 7 lbf·in for 10 mm and 10.16 mm pitch

Data according to

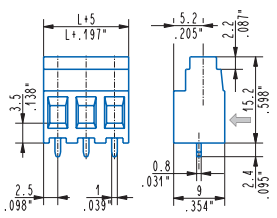
IEC EN 60998
250 V - 24 A - 2.5 mm² - T 110 for 5 mm and 5.08 mm pitch
750 V - 24 A - 2.5 mm² - T 110 for 7.5 mm, 7.62 mm, 10 mm and 10.16 mm pitch

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

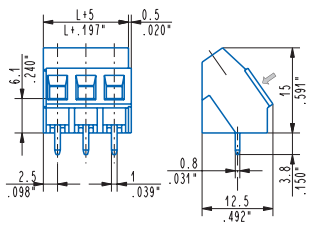
Your drawings and notes



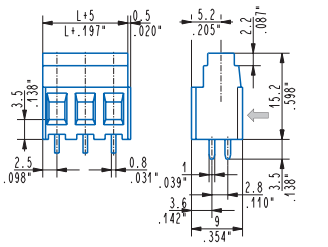
Straight, modular
MSMH__0M1-0N 2÷25 poles, 5 mm / .197" pitch
MSMH__0M3-0N 2÷4 poles, 7.5 mm / .295" pitch
MSMH__0M2-0N 1÷13 poles, 10 mm / .394" pitch



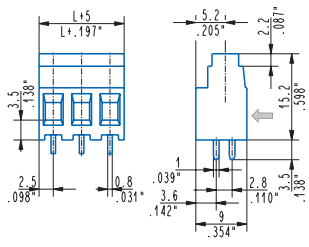
Straight, side stackable
MSMH__001-0N 2÷25 poles, 5 mm / .197" pitch
MSMH__003-0N 2÷4 poles, 7.5 mm / .295" pitch
MSMH__002-0N 2÷13 poles, 10 mm / .394" pitch
MSMH__007-0N 2÷3 poles, 7.62 mm / .300" pitch



35°, modular
MSMH__041-0N 2÷5 poles, 5 mm / .197" pitch
MSMH__043-0N 2÷3 poles, 7.5 mm / .295" pitch



Straight, modular with double pin
MSMH__DM1-0N 2÷25 poles, 5 mm / .197" pitch
MSMH__DM3-0N 2÷4 poles, 7.5 mm / .295" pitch
MSMH__DM2-0N 1÷13 poles, 10 mm / .394" pitch



Straight, side stackable, with double pin
MSMH__DA1-0N 2÷25 poles, 5 mm / .197" pitch
MSMH__DA3-0N 2÷4 poles, 7.5 mm / .295" pitch
MSMH__DA2-0N 2÷13 poles, 10 mm / .394" pitch

L = pitch x (poles - 1)

The drawing refers to only a pitch, please see our complete range of products by visiting our website on **www.sauro.net** or refering to your representative Sales Manager