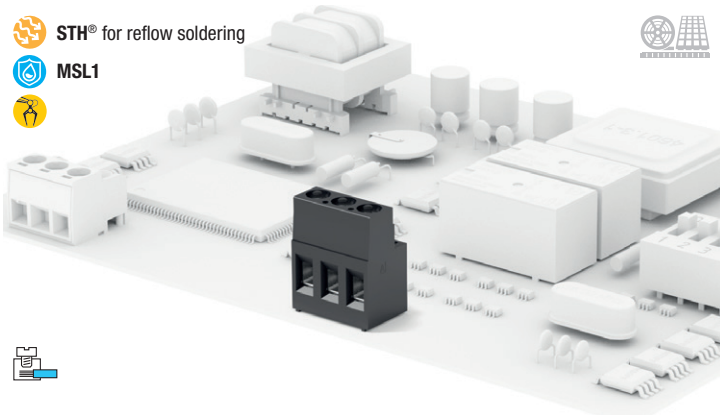
MSQH

STH® for reflow soldering

MSL1



Functional characteristics

Dimensional class:	high
Standard colour:	black
Pitches:	metric 7.5 mm, (.295 in) imperial 5.08 mm, 7.62 mm, (.200 in, .300 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:	6.5 ÷ 7 mm (.26 ÷ .28 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)

Data according to

UL 1059

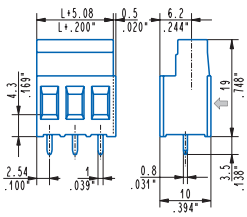
300 V - 24 A (factory wiring), 20 A (field wiring) - 30÷12 AWG - 7 lbf·in for 5 mm, 5.08 mm, 7.5 and 7.62 mm
600 V - 24 A (factory wiring), 20 A (field wiring) - 30÷12 AWG - 7 lbf·in for 10 mm and 10.16 mm pitch

IEC EN 60947-7-4

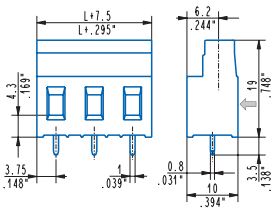
250 V - T 110 - 32 A - 4 mm² solid (24 A - 2.5 mm² stranded) for 5 mm and 5.08 mm pitch
750 V - T 110 - 32 A - 4 mm² solid (24 A - 2.5 mm² stranded) for 7.5 mm, 7.62 mm, 10 mm and 10.16 mm pit

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

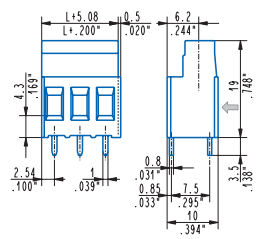
Your drawings and notes



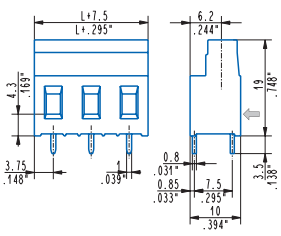
Straight, modular
MSQH__0M5-0N 2÷4 poles, 5.08 mm / .200" pitch
MSQH__0M7-0N 2÷3 poles, 7.62 mm / .300" pitch



Straight, side stackable
MSQH__0A3-0N 2÷12 poles, 7.5 mm / .295" pitch
MSQH__0A5-0N 2÷4 poles, 5.08 mm / .200" pitch
MSQH__0A7-0N 2÷3 poles, 7.62 mm / .300" pitch



Straight, modular, double pin
MSQH__DM5-0N 2÷4 poles, 5.08 mm / .200" pitch
MSQH__DM7-0N 2÷3 poles, 7.62 mm / .300" pitch



Straight, side stackable, double pin
MSQH__DA3-0N 2÷12 poles, 7.5 mm / .295" pitch
MSQH__DA5-0N 2÷4 poles, 5.08 mm / .200" pitch
MSQH__DA7-0N 2÷3 poles, 7.62 mm / .300" pitch