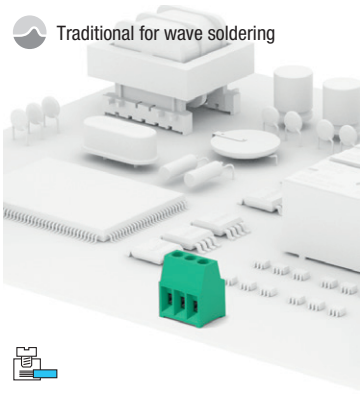
MSD

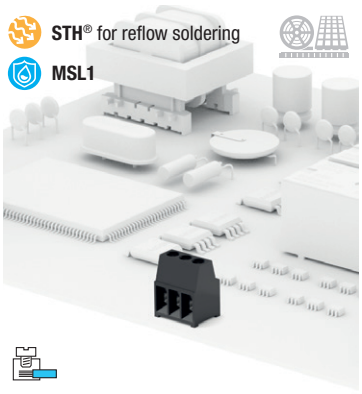
Traditional for wave soldering



MSDH

STH® for reflow soldering

MSL1



General data

Dimensional class:	low
Standard colour:	green for wave soldering, black for reflow soldering
Pitches:	imperial 2.54 mm, 5.08 mm (.100 in, .200 in)
Screw dimension:	M1.6
Recommended/highest tightening torque:	0.1/0.15 Nm (0.88/1.33 lbf·in)
PCB thickness:	max. 2.4 mm (.094 in)
PCB hole diameter:	min. 1.1 mm (.043 in)
Stripping length:	4 ÷ 5 mm (.16 ÷ .197 in)
Operating temp. range:	-40 °C ÷ +105 °C (-40 °F ÷ +221 °F)
STH operating temp. range:	-40 °C ÷ +105 °C (-40 °F ÷ +221 °F)
Contact resistance:	<15 mΩ
Insulation resistance:	>10⁹ Ω (500V DC)
Insulating material group:	I (CTI ≥ 600V)

Certifications

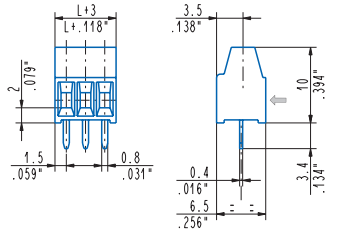
UL (n. E167473)
150 V - 10 A - 30÷16 AWG - 1.73 lbf·in for 2.54 mm pitch
300 V - 10 A - 30÷16 AWG - 1.73 lbf·in for 5.08 mm pitch

VDE (n. 40022747)
125 V - 6 A - T 110 - 0.5 mm² for 2.54 mm pitch
250 V - 6 A - T 110 - 0.5 mm² for 5.08 mm pitch

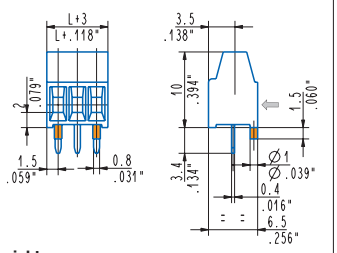
IMQ (n. CA02.00145)
130 V - T 110 - 12 A - 1 mm² solid (6 A - 0.5 mm² stranded) for 2.54 mm pitch
250 V - T 110 - 12 A - 1 mm² solid (6 A - 0.5 mm² stranded) for 5.08 mm pitch

CSA (n. LR102896)
150 V - 10 A - 30÷16 AWG for 2.54 mm pitch
300 V - 10 A - 30÷16 AWG for 5.08 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



Straight
MSD__004 2 ÷ 12 poles, 2.54 mm / .100" pitch
MSD__005 2 ÷ 6 poles, 5.08 mm / .200" pitch
MSDH__004-0N 2÷12 poles, 2.54 mm / .100" pitch
MSDH__005-0N 2÷6 poles, 5.08 mm / .200" pitch



Straight, pegs
MSD__004-0000P 2÷12 poles, 2.54 mm .100" pitch
MSD__005-0000P 2÷6 poles, 5.08 mm .200" pitch
MSDH__004-0N00P 2÷12 poles, 2.54 mm .100" pitch
MSDH__005-0N00P 2÷6 poles, 5.08 mm .200" pitch

Your drawings and notes