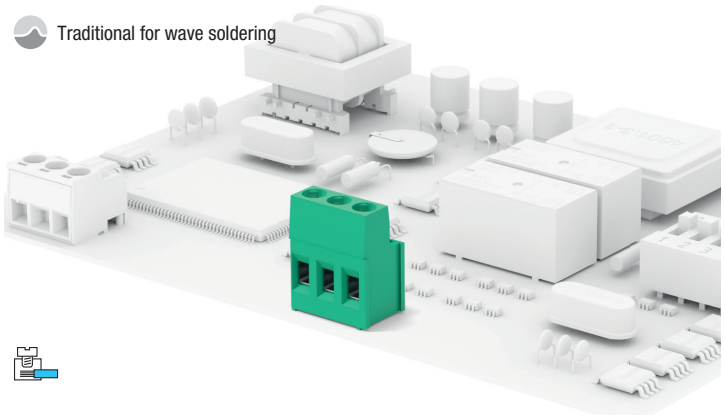
MSQ

Traditional for wave soldering



General data

Dimensional class:	high
Standard colour:	green
Pitches:	metric 5 mm, 7.5 mm, 10 mm (.197 in, .295 in, .394 in) imperial 5.08, 7.62, 10.16 mm (.200, .300, .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. 1.4 mm (.055 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)

Certifications

UL (n. E167473)
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
FOR "**S version**" 600 V - 20 A - 30÷12 AWG - 7 lbf-in

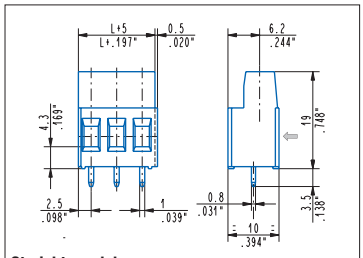
VDE (n. 40022743)
250 V - 24 A - T 110 - 2.5 mm^2 for 5 mm and 5.08 mm pitch
450 V - 24 A - T 110 - 2.5 mm^2 for 7.5 mm and 7.62 mm pitch
750 V - 24 A - T 110 - 2.5 mm^2 for 10 mm and 10.16 mm pitch

IMQ (n. EB731)
250 V - T 110 - 32 A - 4 mm^2 solid (24 A - 2.5 mm^2 stranded) for 5 mm and 5.08 mm pitch
750 V - T 110 - 32 A - 4 mm^2 solid (24 A - 2.5 mm^2 stranded) for 7.5 mm, 7.62 mm, 10 mm and 10.16 mm pitch

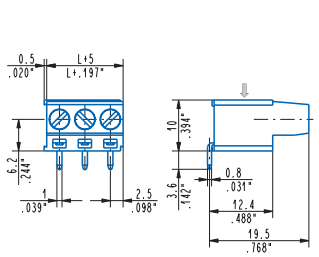
CSA (n. LR102896)
300 V - 24 A - 30÷11 AWG for 5 mm, 5.08 mm, 7.5 mm and 7.62 mm pitch
600 V - 24 A - 30÷11 AWG for 10 mm and 10.16 mm pitch

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

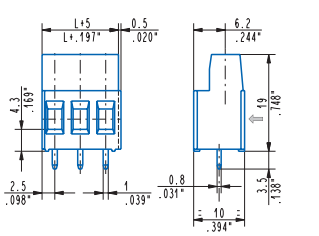
Your drawings and notes



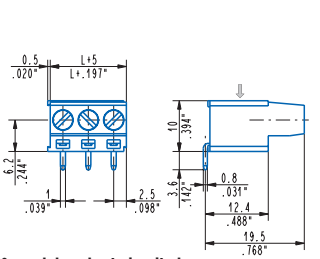
Straight, modular
MSQ__001 - 2÷25 poles, 5 mm / .197" pitch
MSQ__003 - 2÷4 poles, 7.5 mm / .295" pitch
MSQ__002 - 1÷13 poles, 10 mm / .394" pitch
MSQ__005 - 2÷25 poles, 5.08 mm / .200" pitch
MSQ__007 - 2÷3 poles, 7.62 mm / .300" pitch
MSQ__006 - 1÷13 poles, 10.16 mm / .400" pitch
MSQ__000 - 2 poles, 15 mm / .590" pitch



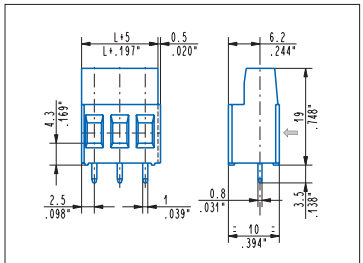
90°, modular
MSQ__091 - 2÷25 poles, 5 mm / .197" pitch
MSQ__093 - 2÷4 poles, 7.5 mm / .295" pitch
MSQ__092 - 1÷13 poles, 10 mm / .394" pitch
MSQ__095 - 2÷25 poles, 5.08 mm / .200" pitch
MSQ__097 - 2÷3 poles, 7.62 mm / .300" pitch
MSQ__096 - 1÷13 poles, 10.16 mm / .400" pitch



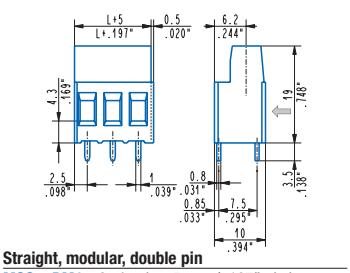
Straight, modular, short circuited
MSQ__001-000C 2÷3 poles, 5 mm .197" pitch
MSQ__005-000C 2÷3 poles, 5.08 mm .200" pitch



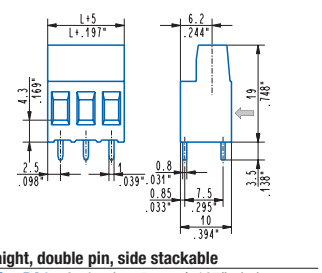
90°, modular, short circuited
MSQ__091-000C 2÷3 poles, 5 mm .197" pitch
MSQ__095-000C 2÷3 poles, 5.08 mm .200" pitch



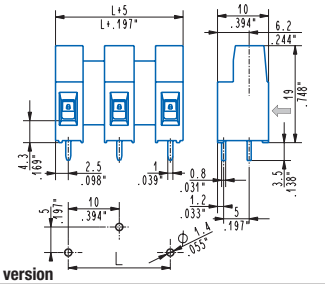
Straight, modular, terminal aligned with the screw
MSQ__001-000T 2÷25 poles, 5 mm .197" pitch
MSQ__003-000T 2÷4 poles, 7.5 mm .295" pitch
MSQ__002-000T 1÷13 poles, 10 mm .394" pitch
MSQ__005-000T 2÷25 poles, 5.08 mm .200" pitch
MSQ__007-000T 2÷3 poles, 7.62 mm .300" pitch
MSQ__006-000T 1÷13 poles, 10.16 mm .400" pitch



Straight, modular, double pin
MSQ__DM1 - 2÷4 poles, 5 mm / .197" pitch
MSQ__DM2 - 2 poles, 10 mm / .394" pitch



Straight, double pin, side stackable
MSQ__DA1 - 2÷4 poles, 5 mm / .197" pitch
MSQ__DA2 - 2 poles, 10 mm / .394" pitch



S version
MSQ__S02 - 2÷9 poles, 10 mm / .394" pitch