



General data

Dimensional class:	low
Standard colour:	green
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:	0.25 Nm (2.21 lbf-in)
PCB thickness:	max. 2.4 mm (.094 in)
PCB hole diameter:	min. 1.1 mm (.043 in)
Stripping length:	5 ÷ 6 mm (.197 ÷ .24 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 - 30÷14 AWG - 2.2 lbf-in for for 3.5 mm, 3.81 mm, 7 mm and 7.62 mm pitch

VDE (n. 40021759)

130 V - 12 A - T 110 - 1 mm² for 3.5 mm and 3.81 mm mm pitch

450 V - 12 A - T 110 - 1 mm² for 7 mm and 7.62 mm pitch

IMQ (n. CA02.00146)

130 V - T 110 - 17.5 A - 1.5 mm² solid (12 A - 1 mm² stranded) - 0.25 Nm for 3.5 mm and 3.81 mm pitch

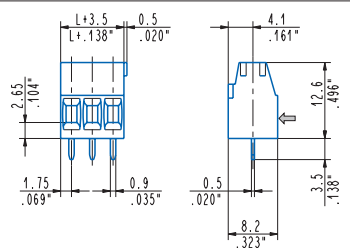
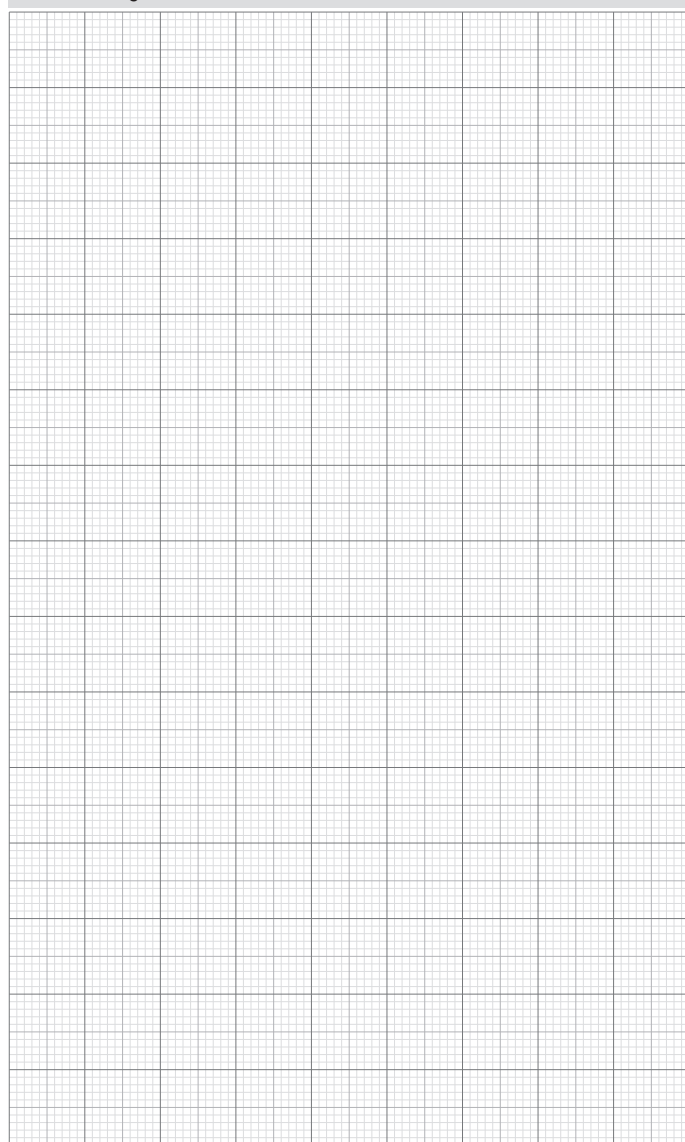
750 V - T 110 - 17.5 A - 1.5 mm² solid (12 A - 1 mm² stranded) - 0.25 Nm for 7 mm and 7.62 mm pitch

CSA (n. LR102896)

300 V - 12 A - 30÷14 AWG for for 3.5 mm, 3.81 mm, 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



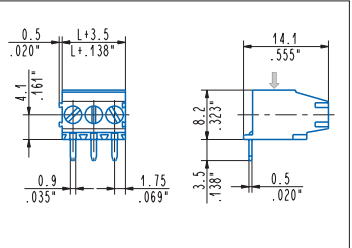
Straight, modular

MTS_008 2 ÷ 25 poles, 3.5 mm / .138" pitch

MTS_009 1 ÷ 13 poles, 7 mm / .276" pitch

MTS_007 2 ÷ 25 poles, 3.81 mm / .150" pitch

MTS_007 1 ÷ 13 poles, 7.62 mm / .300" pitch



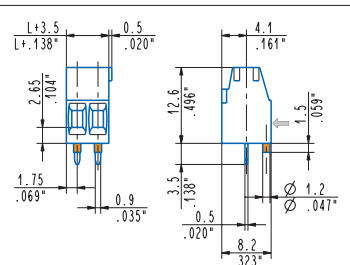
90°, modular

MTS_098 2 ÷ 25 poles, 3.5 mm / .138" pitch

MTS_099 1 ÷ 13 poles, 7 mm / .276" pitch

MTS_097 2 ÷ 25 poles, 3.81 mm / .150" pitch

MTS_097 1 ÷ 13 poles, 7.62 mm / .300" pitch



Straight, modular, pegs

MTS_008-0000P 2÷25 poles, 3.5 mm .138" pitch

MTS_009-0000P 1÷13 poles, 7 mm .276" pitch

MTS_007-0000P 2÷25 poles, 3.81 mm .150" pitch

MTS_007-0000P 1÷13 poles, 7.62 mm .300" pitch

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