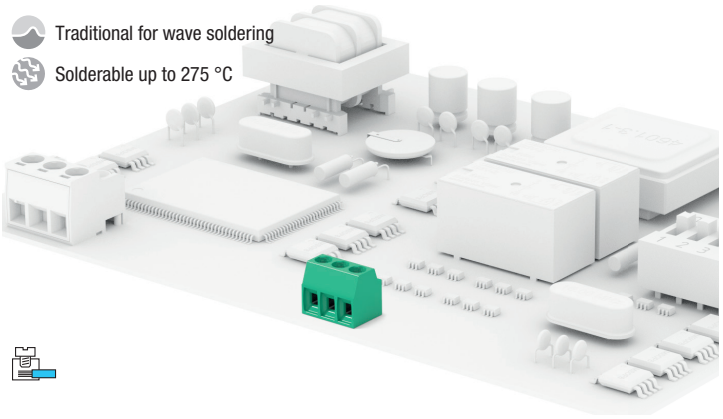
MTB

Traditional for wave soldering

Solderable up to 275 °C



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:	0.2/0.25 Nm (1.77/2.21 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 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 factory wiring (10 A field wiring) - 28÷16 AWG - 2.7 lbf·in for for 3.5, 3.81, 7, 7.62 mm pitch

VDE (n. 40021761)
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

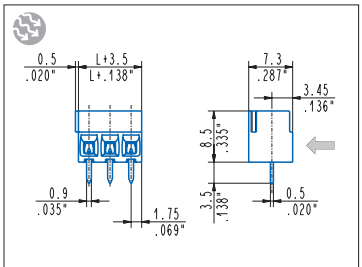
IMQ (n. CA02.00900)
130 V - T 110 - 17.5 A - 1.5 mm² solid (12 A - 1 mm² stranded) for 3.5 mm and 3.81 mm pitch
750 V - T 110 - 17.5 A - 1.5 mm² solid (12 A - 1 mm² stranded) for 7 mm and 7.62 mm pitch

CSA (n. LR102896)
300 V - 12 A - 30÷16 AWG 3.5 mm, 3.81 mm, 7 mm and 7.62 mm pitch

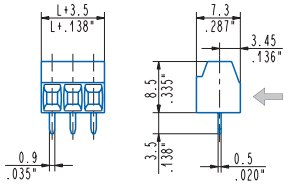
Application values for end-use equipment have to be in accordance to norms and applicable to it. The certifications of some product's versions could be pending, for more detailed and updated data please refer to our web site **www.sauro.net** or your representative Sales Manager

Your drawings and notes

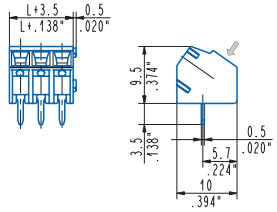
° The product is solderable up to 275 °C



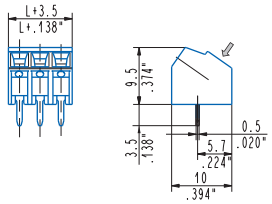
Straight, modular
MTB__0M8° 2 ÷ 12 poles, 3.5 mm / .138" pitch
MTB__0M9° 1 ÷ 6 poles, 7 mm / .276" pitch
MTB__0MT° 2 ÷ 12 poles, 3.81 mm / .150" pitch
MTB__0M7° 1 ÷ 6 poles, 7.62 mm / .300" pitch



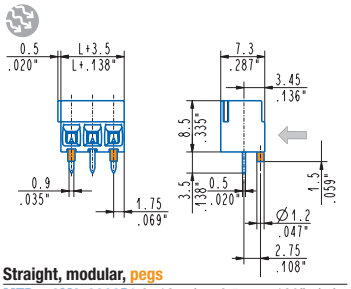
Straight, side stackable
MTB__008 2 ÷ 25 poles, 3.5 mm / .138" pitch
MTB__009 2 ÷ 13 poles, 7 mm / .276" pitch
MTB__00T 2 ÷ 25 poles, 3.81 mm / .150" pitch
MTB__007 2 ÷ 13 poles, 7.62 mm / .300" pitch



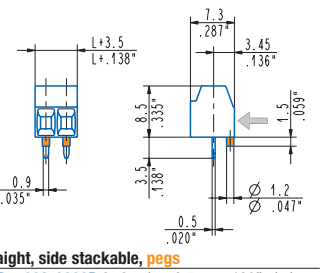
55°, modular
MTB__048 2 ÷ 25 poles, 3.5 mm / .138" pitch
MTB__049 1 ÷ 13 poles, 7 mm / .276" pitch



55°, side stackable
MTB__068 2 ÷25 poles, 3.5 mm / .138" pitch
MTB__069 1 ÷ 13 poles, 7 mm / .276" pitch



Straight, modular, pegs
MTB__0M8-0000P° 2÷12 poles, 3.5 mm .138" pitch
MTB__0M9-0000P° 1÷6 poles, 7 mm .276" pitch
MTB__0MT-0000P° 2÷12 poles, 3.81 mm .150" pitch
MTB__0M7-0000P° 1÷6 poles, 7.62 mm .300" pitch



Straight, side stackable, pegs
MTB__008-0000P 2÷3 poles, 3.5 mm .138" pitch
MTB__009-0000P 2÷3 poles, 7 mm .276" pitch
MTB__00T-0000P 2÷3 poles, 3.81 mm .150" pitch
MTB__007-0000P 2÷3 poles, 7.62 mm .300" pitch