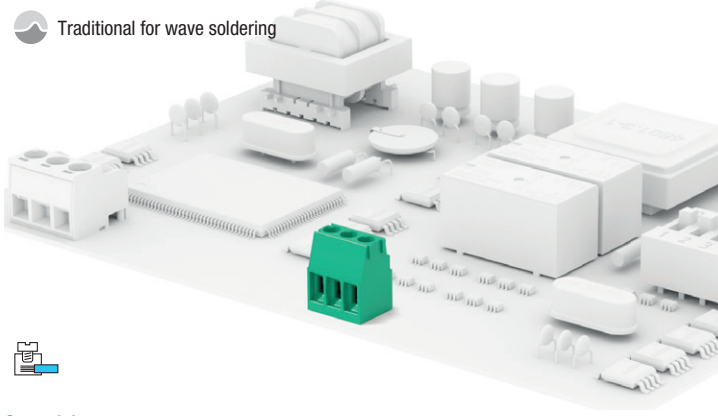


Traditional for wave soldering



### General data

<b>Dimensional class:</b>	low
<b>Standard colour:</b>	green
<b>Pitches:</b>	metric 3.5 mm, 7 mm (.138 in, .275 in) imperial 3.81 mm, 7.62 mm (.150 in, .300 in)
<b>Screw dimension:</b>	M2
<b>Recommended/highest tightening torque:</b>	0.25 Nm (2.21 lbf-in)
<b>PCB thickness:</b>	max. 2.4 mm (.094 in)
<b>PCB hole diameter:</b>	min. 1.1 mm (.043 in)
<b>Stripping length:</b>	5 ÷ 6 mm (.197 ÷ .24 in)
<b>Operating temp. range:</b>	-40 °C ÷ +105 °C (-40 °F ÷ +221 °F)
<b>Contact resistance:</b>	<15 mΩ
<b>Insulation resistance:</b>	>10 <sup>9</sup> Ω (500V DC)
<b>Insulating material group:</b>	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

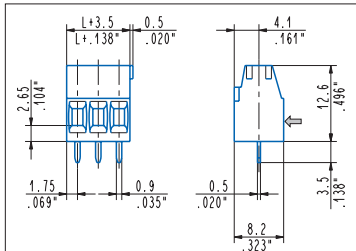
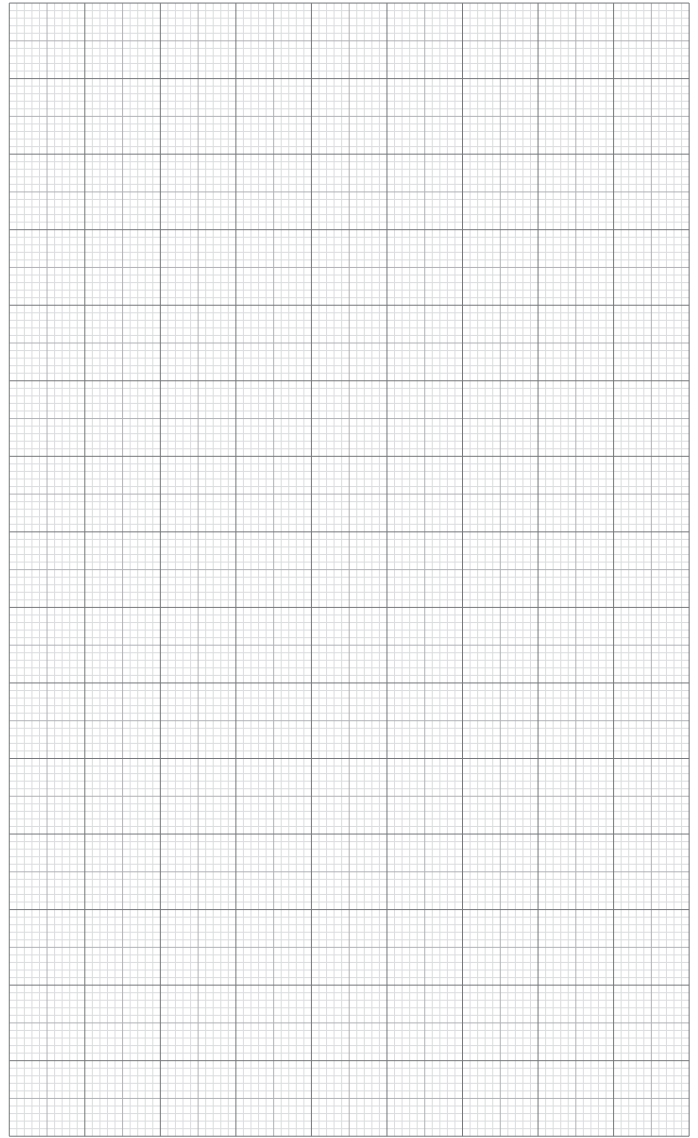
**VDE (n. 40021759)**  
130 V - 12 A - T 110 - 1 mm<sup>2</sup> for 3.5 mm and 3.81 mm mm pitch  
450 V - 12 A - T 110 - 1 mm<sup>2</sup> for 7 mm and 7.62 mm pitch

**IMQ (n. CA02.00146)**  
130 V - T 110 - 17.5 A - 1.5 mm<sup>2</sup> solid (12 A - 1 mm<sup>2</sup> stranded) - 0.25 Nm for 3.5 mm and 3.81 mm pitch  
750 V - T 110 - 17.5 A - 1.5 mm<sup>2</sup> solid (12 A - 1 mm<sup>2</sup> 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

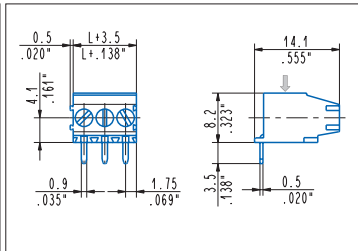
Application values for end-use equipment have to be in accordance to norms and applicable to it. The certifications of some product's versions could be pending, for more detailed and updated data please refer to our web site [www.sauro.net](http://www.sauro.net) or your representative Sales Manager

### Your drawings and notes



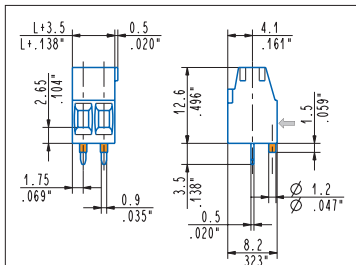
#### Straight, modular

- 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