



**General data**

<b>Dimensional class:</b>	medium
<b>Standard colour:</b>	green for wave soldering, black for reflow soldering
<b>Pitches:</b>	metric 5 mm, 10 mm (.197 in, .394 in) imperial 5.08 mm, 10.16 mm (.200 in, .400 in)
<b>Screw dimension:</b>	M3
<b>Recommended/highest tightening torque:</b>	0.5/0.6 Nm (4.42/5.31 lbf-in)
<b>PCB thickness:</b>	max. 2.4 mm (.094 in)
<b>PCB hole diameter:</b>	min. 1.4 mm (.055 in) / 1.5 mm (.055 in) for STH® version
<b>Stripping length:</b>	5.5 ÷ 6.5 mm (.22 ÷ .26 in)
<b>Operating temperature range:</b>	-40 °C ÷ +120 °C (-40 °F ÷ +248 °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 - 17.5 A - 30÷12 AWG - 7 lbf-in for 5 mm, 5.08 mm pitch  
600 V - 17.5 A - 30÷12 AWG - 7 lbf-in for 10 mm and 10.16 mm pitch
  - VDE (n. 40022741)**  
250 V - 24 A (20 A for "T" and "K" versions) - 2.5 mm<sup>2</sup> - T 110 for 5 mm and 5.08 mm pitch  
750 V - 24 A (20 A for "T" and "K" versions) - 2.5 mm<sup>2</sup> - T 110 for 10 mm and 10.16 mm pitch
  - IMQ (n. ED625)**  
250 V - 24 A - 2.5 mm<sup>2</sup> - T 110 for 5 mm and 5.08 mm pitch  
750 V - 24 A - 2.5 mm<sup>2</sup> - T 110 for 10 mm and 10.16 mm pitch
  - CSA (n. LR102896)**  
300 V - 17.5 A - 30÷12 AWG for 5 mm, 5.08 mm pitch  
600 V - 17.5 A - 30÷12 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](http://www.sauro.net) or your representative Sales Manager

**N.B.:** For a higher number of poles, the product will be supplied already side-stacked.

