

 **SMD** for reflow soldering

 **MSL1**



 Closed clamp



Last release

Your drawings and notes

### General data

<b>Dimensional class:</b>	low
<b>Standard colour:</b>	black
<b>Pitches:</b>	metric 5 mm, 10 mm (.197 in, .394 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 for peg:</b>	1.4 mm (.055 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>Insulating material group:</b>	I (CTI ≥ 600V)
<b>Self-extinguishing class UL94:</b>	V0
<b>Insulation resistance</b>	>10 <sup>9</sup> Ω (500V DC)

### Certifications

#### UL (n. E167473)

300 V - 13.5 A (\*), 10 A (\*\*) - 30÷16 AWG - for 5 mm pitch

600 V - 13.5 A (\*), 10 A (\*\*) - 30÷16 AWG - for 10 mm pitch

\*factory wiring - \*\*field wiring

### Data according to

#### IEC EN 60947-7-4

250 V - 17.5 A - 1.5 mm<sup>2</sup> solid (13.5 A - 1 mm<sup>2</sup> stranded) for 5 mm pitch

750 V - 17.5 A - 1.5 mm<sup>2</sup> solid (13.5 A - 1 mm<sup>2</sup> stranded) for 10 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.

