 **STH** for reflow soldering

 **MSL1**



## Your drawings and notes



Last release

## General data

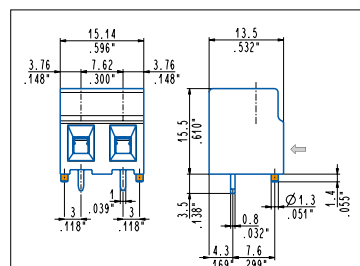
<b>Dimensional class:</b>	medium
<b>Standard colour:</b>	black
<b>Pitches:</b>	imperial 7.62 mm, (.300 in)
<b>Screw dimension:</b>	M3
<b>Recommended/highest tightening torque</b>	0.5/0.8 Nm (4.42/7.08 lbf·in)
<b>PCB thickness:</b>	max. 2.4 mm (.094 in)
<b>PCB hole diameter:</b>	min. 1.5 mm (.055 in)
<b>Stripping length:</b>	6 ÷ 8 mm (.23 ÷ .31 in)
<b>Operating temperature 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)

### Data according to

**UL 1059**  
300 V - 20 A - 30÷12 AWG

**IEC EN 60947-7-4**  
600 V - 24 A - 2.5 mm<sup>2</sup>

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.



**0°, fixing and positioning pegs**  
MSFH\_0A7-0N - 2 poles, 7.62 mm / .300" pitch

