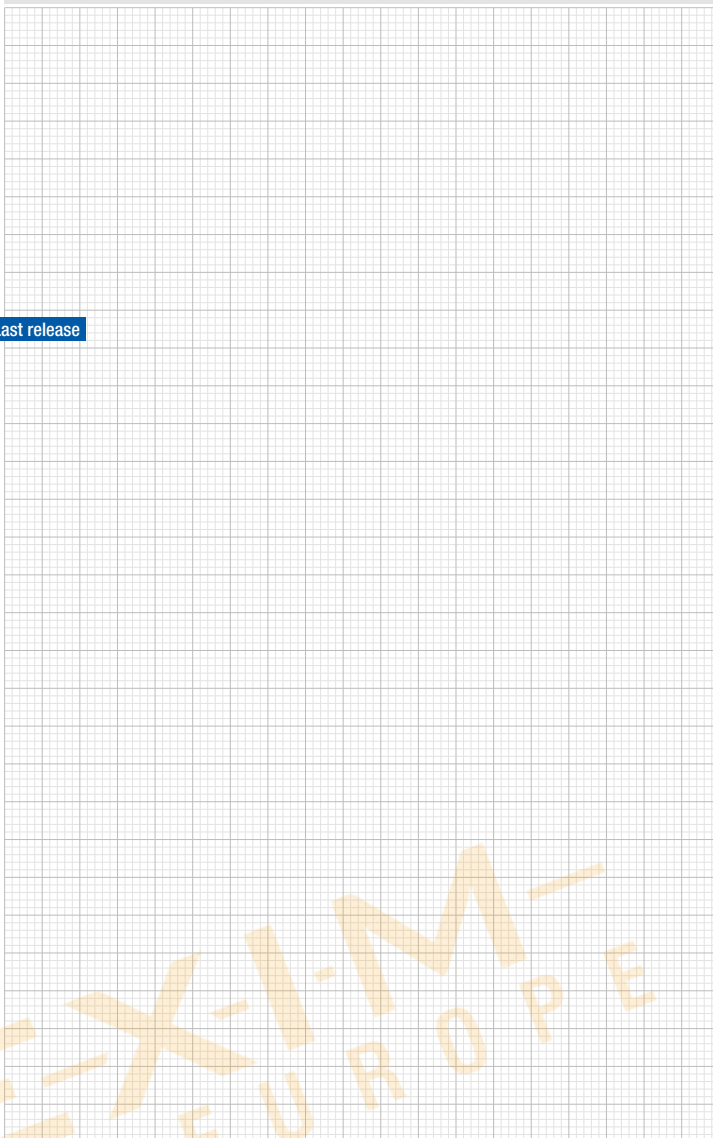


STH for reflow soldering

MSL1



Your drawings and notes



Last release

**General data**

<b>Dimensional class:</b>	low
<b>Standard colour:</b>	green for wave soldering, black for reflow soldering
<b>Pitches:</b>	metric 5 mm, 10 mm (.197 in, .394 in)
<b>PCB thickness:</b>	max 2.4 mm (.094 in)
<b>PCB hole diameter:</b>	min 1.4 mm (.055 in)
<b>Operating temperature range:</b>	-40 °C ÷ +105 °C (-40 °F ÷ +221 °F)
<b>STH perating 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)

**Certifications**

**UL (n. E167473)**

300 V - 12 A - for 5 mm pitch  
600 V - 12 A - for 10 mm pitch

**VDE (n. 40013401)**

250 V - 12 A - 1.5 mm<sup>2</sup> - for 5 mm pitch  
750 V - 12 A - 1.5 mm<sup>2</sup> - for 10 mm pitch

**IMQ (n. EE099)**

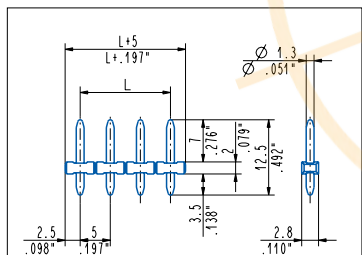
300 V - 11 A - 2.5 mm<sup>2</sup> - for 5 mm pitch  
1000 V - 11 A - 2.5 mm<sup>2</sup> - for 10 mm pitch

**CSA (n. LR102896)**

300 V - 12 A for 5 mm pitch  
600 V - 12 A for 10 mm pitch

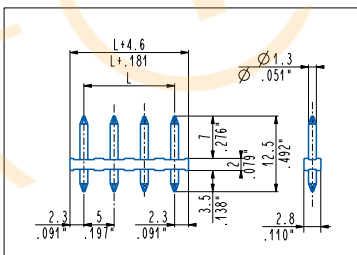
Application values for end-use equipment have to be in accordance to norms and applicable to it. The certifications of some product's versions could be pending, for more detailed and updated data please refer to our web site [www.sauro.net](http://www.sauro.net) or your representative Sales Manager.

Please see "CONNECTORS COMBINATIONS"



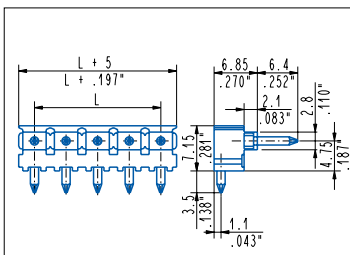
**0°, not side stackable**

- CSM\_0A1 - 2 ÷ 25 poles, 5 mm / .197" pitch
- CSM\_0A2 - 2 ÷ 13 poles, 10 mm / .394" pitch
- CSMH\_0A1-ON 2 ÷ 25 poles, 5 mm / .197" pitch
- CSMH\_0A2-ON 2 ÷ 13 poles, 10 mm / .394" pitch



**0°, side stackable**

- CSM\_0S1 - 2 ÷ 8 poles, 5 mm / .197" pitch
- CSM\_0S2 - 2 ÷ 4 poles, 10 mm / .394" pitch
- CSMH\_0S1-ON 2 ÷ 8 poles, 5 mm / .197" pitch
- CSMH\_0S2-ON 2 ÷ 4 poles, 10 mm / .394" pitch



**90°**

- CSM\_9A1 - 2 ÷ 25 poles, 5 mm / .197" pitch
- CSM\_9A2 - 2 ÷ 13 poles, 10 mm / .394" pitch
- CSMH\_9A1-ON 2 ÷ 25 poles, 5 mm / .197" pitch
- CSMH\_9A2-ON 2 ÷ 13 poles, 10 mm / .394" pitch

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Usable with:

CXF Page 48      CSF Page 49



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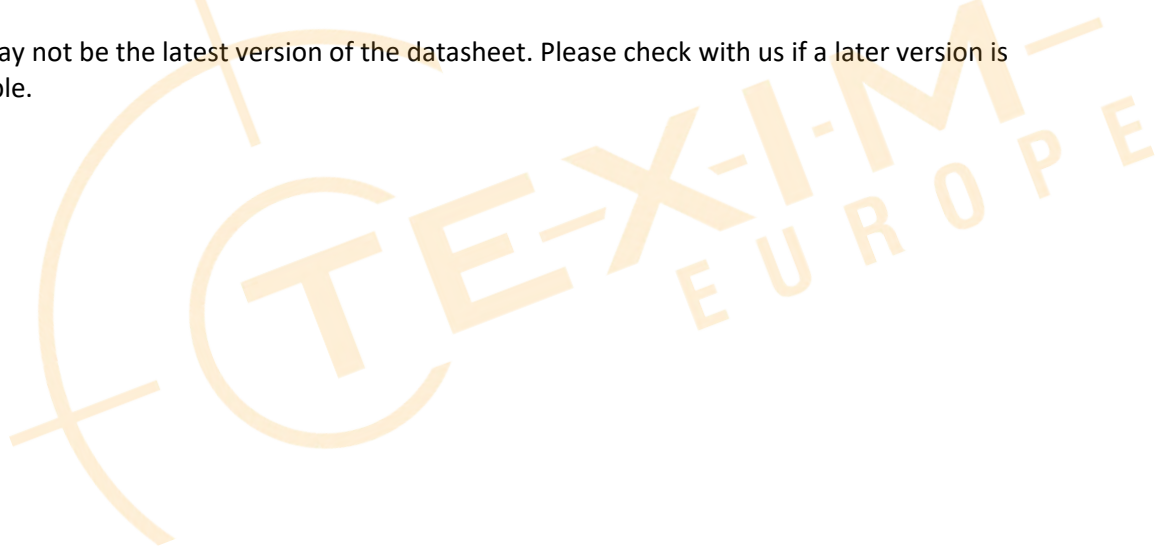
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Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time.

All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.

Please contact us if you have any questions about the contents of the datasheet.

This may not be the latest version of the datasheet. Please check with us if a later version is available.





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