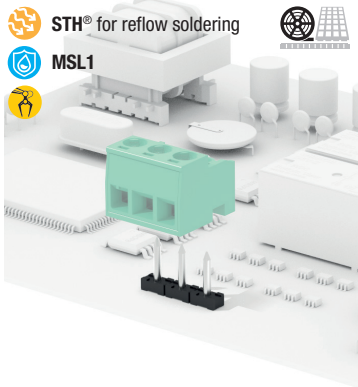
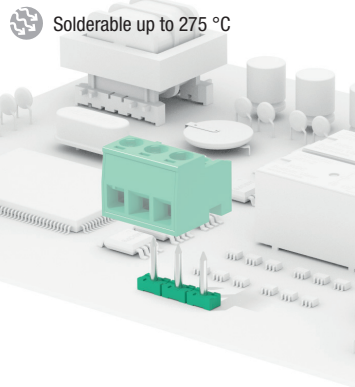


Solderable up to 275 °C

STH[®] for reflow soldering



MSL1



General data

Dimensional class: low
Standard colour: green for wave soldering, black for reflow soldering
Pitches: metric 5 mm, 10 mm (.197 in, .394 in)
Insertion force per pole: max 2 N (max .450 lbf)
Withdrawal force per pole: min 1,2 N (min .270 lbf)
PCB thickness: max 2.4 mm (.094 in)
PCB hole diameter: min 1.4 mm (.055 in)
Operating temperature range: -40 °C ÷ +105 °C (-40 °F ÷ +221 °F)
STH perating temperature range: -40 °C ÷ +105 °C (-40 °F ÷ +221 °F)
Contact resistance: <15 mΩ
Insulation resistance: >10⁹ Ω (500V DC)
Insulating material group: I (CTI ≥ 600V)

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 mm² - T95 - 2,5kV - 2 for 5 mm pitch
 750 V - 12 A - 1.5 mm² - T95 - 2,5kV - 2 for 10 mm pitch

IMQ (n. EE099)

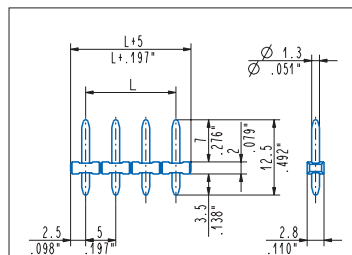
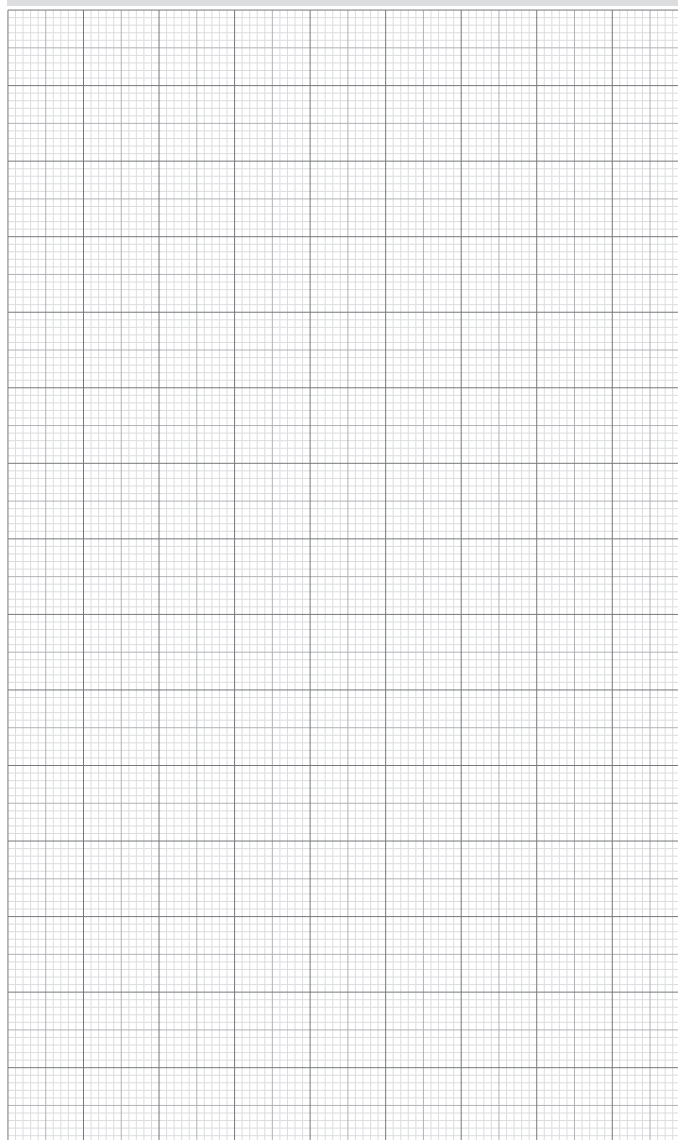
300 V - 11 A - 2.5 mm² - T110 - 4kV - III/2 - T110 / 300 V 11 A - 2.5 mm² - T110 - 4 kV - III/2 - T110 for 5 mm pitch
 1000 V - 11 A - 2.5 mm² - T110 - 8kV - III/2 - T110 / 1000 V 11 A - 2.5 mm² - T110 - 8 kV - III/2 - T110 for 10 mm pitch

CSA (n. LR102896)

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

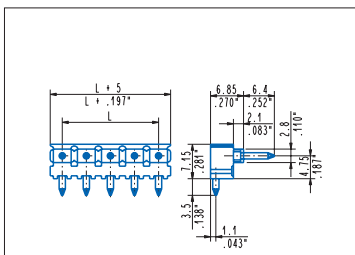
Application values for end-use equipment have to be in accordance to norms and applicable to it. The certifications of some product's versions could be pending, for more detailed and updated data please refer to our web site www.sauro.net or your representative Sales Manager

Your drawings and notes



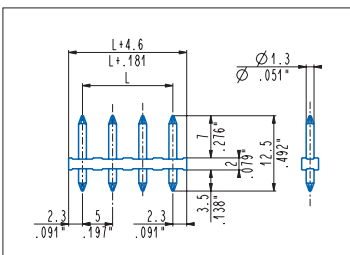
Straight, side stackable

CSM_OA1 - 2 ÷ 25 poles, 5 mm / .197" pitch
 CSM_OA2 - 2 ÷ 13 poles, 10 mm / .394" pitch
 CSMH_OA1-ON 2 ÷ 25 poles, 5 mm / .197" pitch
 CSMH_OA2-ON 2 ÷ 13 poles, 10 mm / .394" pitch



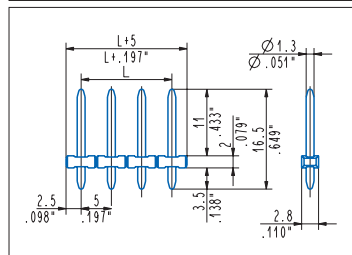
90°, side stackable

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



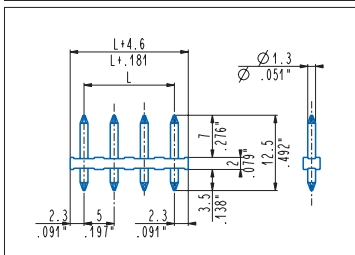
Straight, side stackable

CSM_OS1 - 2 ÷ 12 poles, 5 mm / .197" pitch
 CSM_OS2 - 2 ÷ 6 poles, 10 mm / .394" pitch
 CSMH_OS1-ON 2 ÷ 12 poles, 5 mm / .197" pitch
 CSMH_OS2-ON 2 ÷ 6 poles, 10 mm / .394" pitch



Straight, side stackable

CSM_OA1-000B 2÷25 poles, 5 mm/.197" pitch
 CSM_OA2-000B 2÷13 poles, 10 mm/.394" pitch
 CSMH_OA1-000B 2÷25 poles, 5 mm/.197" pitch
 CSMH_OA2-000B 2÷13 poles, 10 mm/.394" pitch



Straight, side stackable

CSM_OA1-00xxn 2÷25 poles, 5 mm/.197" pitch
 CSM_OA2-00xxn 2÷13 poles, 10 mm/.394" pitch
 CSMH_OA1-0nxxn 2÷25 poles, 5 mm/.197" pitch
 CSMH_OA2-0nxxn 2÷13 poles, 10 mm/.394" pitch

Usable with:

CXF

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CSF

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