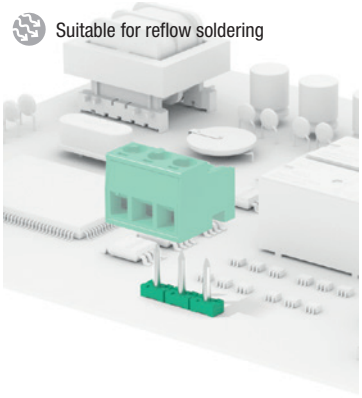
CSM

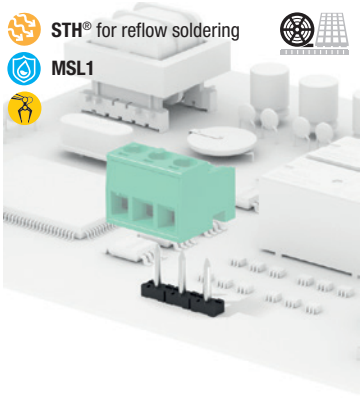
Suitable for reflow soldering



CSMH

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)
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:	>10^9 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

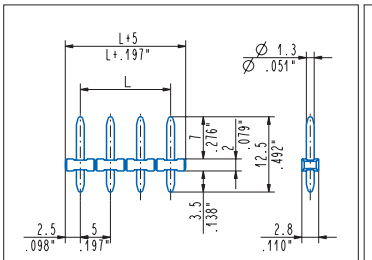
IMQ (n. EE099)
300 V - 11 A - 2.5 mm² - T110 - 4kV - III/2 - T110 / 300 V 11 A - 2.5 mm² - T110 - 4 kV - III/2 - T110 for 5 mm pitch
1000 V - 11 A - 2.5 mm² - T110 - 8kV - III/2 - T110 / 1000 V 11 A - 2.5 mm² - T110 - 8 kV - III/2 - T110 for 10 mm pitch

CSA (n. LR102896)
300 V - 12 A for 5 mm pitch
600 V - 12 A for 10 mm pitch

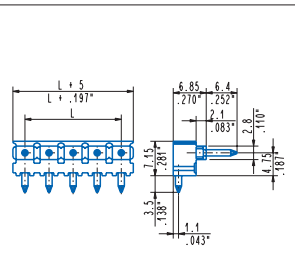
Application values for end-use equipment have to be in accordance to norms and applicable to it. The certifications of some product's versions could be pending, for more detailed and updated data please refer to our web site **www.sauro.net** or your representative Sales Manager.

Please see "CONNECTORS COMBINATIONS"

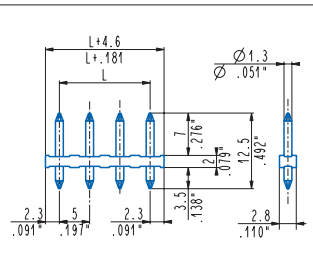
Your drawings and notes



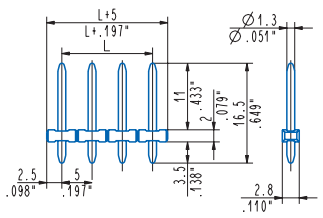
Straight
CSM__0A1 - 2 ÷ 25 poles, 5 mm / .197" pitch
CSM__0A2 - 2 ÷ 13 poles, 10 mm / .394" pitch
CSMH__0A1-0N 2 ÷ 25 poles, 5 mm / .197" pitch
CSMH__0A2-0N 2 ÷ 13 poles, 10 mm / .394" pitch



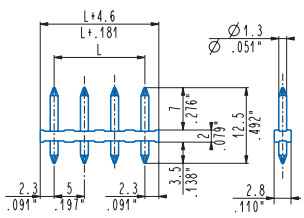
90°
CSM__9A1 - 2 ÷ 25 poles, 5 mm / .197" pitch
CSM__9A2 - 2 ÷ 13 poles, 10 mm / .394" pitch
CSMH__9A1-0N 2 ÷ 25 poles, 5 mm / .197" pitch
CSMH__9A2-0N 2 ÷ 13 poles, 10 mm / .394" pitch



Straight, side stackable
CSM__0S1 - 2 ÷ 8 poles, 5 mm / .197" pitch
CSM__0S2 - 2 ÷ 4 poles, 10 mm / .394" pitch
CSMH__0S1-0N 2 ÷ 12 poles, 5 mm / .197" pitch
CSMH__0S2-0N 2 ÷ 6 poles, 10 mm / .394" pitch



Straight
CSM__0A1-000B 2÷25 poles, 5 mm/.197" pitch
CSM__0A2-000B 2÷13 poles, 10 mm/.394" pitch
CSMH__0A1-000B 2÷25 poles, 5 mm/.197" pitch
CSMH__0A2-000B 2÷13 poles, 10 mm/.394" pitch



Straight, side stackable
CSM__0A1-00xxn 2÷25 poles, 5 mm/.197" pitch
CSM__0A2-00xxn 2÷13 poles, 10 mm/.394" pitch
CSMH__0A1-0nxxn 2÷25 poles, 5 mm/.197" pitch
CSMH__0A2-0nxxn 2÷13 poles, 10 mm/.394" pitch

Usable with:

CXF	CSF
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L = pitch x (poles - 1)