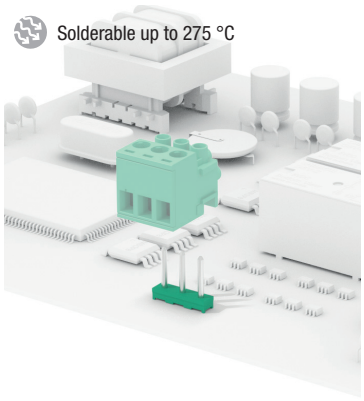
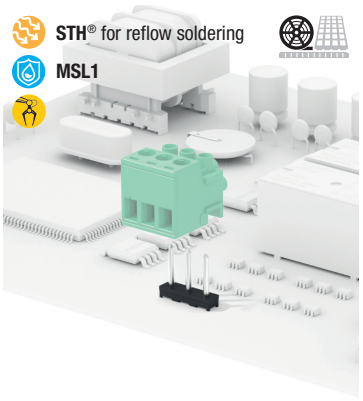
CLM



Solderable up to 275 °C

CLMH



STH® for reflow soldering

MSL1

General data

Dimensional class:	low
Standard colour:	green for wave soldering, black for reflow soldering
Pitches:	metric 3.5 mm, 7 mm (.138 in, .276 in)
Insertion force per pole:	max 2.5 N (max 22.1 lbf)
Withdrawal force per pole:	min 4.5 N (min 39.8 lbf)
Operating temperature range:	-40 °C ÷ +110 °C (-40 °F ÷ +230 °F)
STH operating temperature range:	-40 °C ÷ +110 °C (-40 °F ÷ +230 °F)
Contact resistance:	<15 mΩ
Insulation resistance:	$>10^9$ Ω (500V DC)
Insulating material group:	I (CTI ≥ 600V)

Certifications

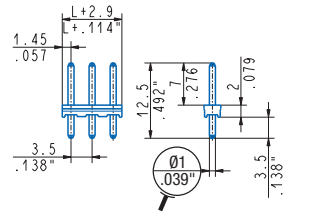
UL (n. E167473)
150 V - 2 A - for 3.5 mm "**0**" version
300 V - 2 A - for 7 mm "**0**" version
300 V - 10 A - for 3.5 mm and 7 mm for "**S**" version

Data according to

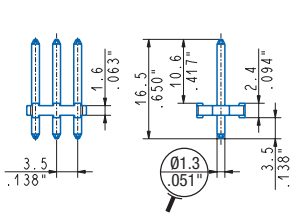
IEC EN 61984
150 V - 4 A - T110 - 1.5 mm^2 for 3.5 mm
300 V - 4 A - T110 - 1.5 mm^2 for 7 mm

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

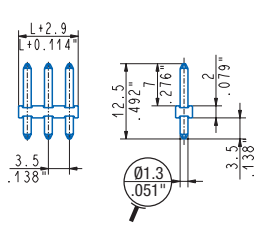
Your drawings and notes



Straight, side stackable male
CLM__SA8 - 2,3,4,9 poles, 3,5 mm / .138" pitch
CLM__SA9 - 2,5 poles, 7 mm / .276" pitch
CLMH__SA8-0N - 2,3,4,9 poles, 3,5 mm / .138" pitch
CLMH__SA9-0N - 2,5 poles, 7 mm / .276" pitch



Straight, side stackable with large base
CLM__0L8 - 2 ÷ 8 poles, 3,5 mm / .138" pitch
CLM__0L9 - 2 ÷ 4 poles, 7 mm / .276" pitch
CLMH__0L8-0N - 2 ÷ 8 poles, 3,5 mm / .138" pitch
CLMH__0L9-0N - 2 ÷ 4 poles, 7 mm / .276" pitch



Straight, side stackable male
CLM__0A8 - 2 ÷ 8 poles, 3,5 mm / .138" pitch
CLM__0A9 - 2 ÷ 4 poles, 7 mm / .276" pitch
CLMH__0A8-0N - 2 ÷ 8 poles, 3,5 mm / .138" pitch
CLMH__0A9-0N - 2 ÷ 4 poles, 7 mm / .276" pitch

Usable with:

CLF	CHF	CHF double
Page 50	Page 51	Page 52

L = pitch x (poles - 1)

The drawing refers to only a pitch, please see our complete range of products by visiting our website on **www.sauro.net** or refering to your representative Sales Manager