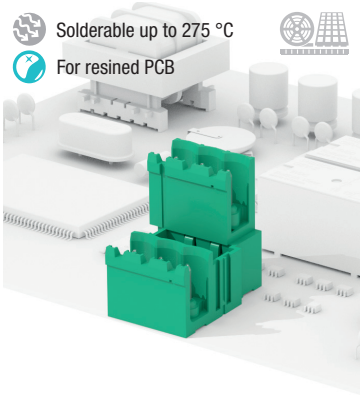
CPM

Solderable up to 275 °C

For resined PCB

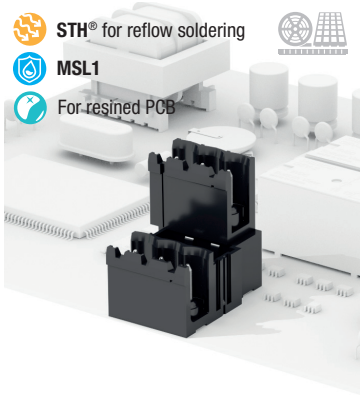


CPMH

STH® for reflow soldering

MSL1

For resined PCB



Your drawings and notes

General data

Dimensional class:	medium
Standard colour:	green for wave soldering, black for reflow soldering
Pitches:	metric 5 mm, 10 mm (.197 in, .394 in) imperial 5.08 mm, 10.16 mm (.200 in, .400 in)
Insertion force per pole:	max 3 N (.674 lbf)
Withdrawal force per pole:	min 1,5 N (.337 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 operating 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 - 30÷12 AWG for 5 mm and 5.08 mm pitch
600 V - 12 A - 30÷12 AWG for 10 mm and 10.16 mm pitch

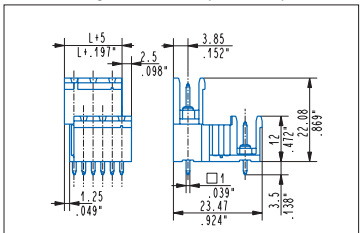
VDE (n. 40027448)
250 V - 16 A - 2.5 mm² - T80 - 2,5kV - 2 for 5 mm and 5.08 mm pitch
750 V - 16 A - 2.5 mm² - T80 - 6kV - 2 for 10 mm and 10.16 mm pitch

IMQ (n. EM672)
300 V - 12 A - 2.5 mm² - T110 - 4kV - III/2 for 5 mm and 5.08 mm pitch
1000 V - 12 A - 2.5 mm² - T110 - 8kV - III/2 for 10 mm and 10.16 mm pitch

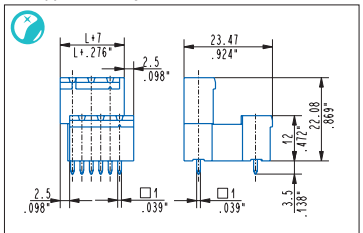
CSA (n. LR102896)
300 V - 15 A - for 5 mm and 5.08 mm pitch
600 V - 15 A - for 10 mm and 10.16 mm pitch

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

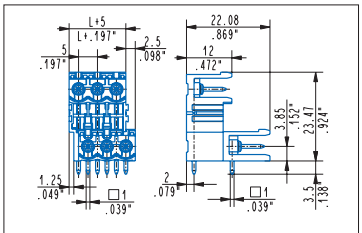
N.B.: For a higher number of poles, the product will be supplied already side-stacked.



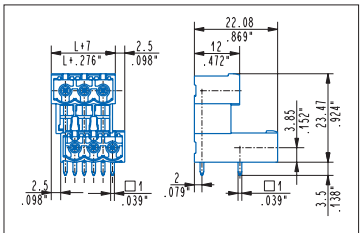
Straight, modular male
CPM__0M1 - 2 ÷ 3 poles, 5 mm / .197" pitch
CPM__0M2 - 1 ÷ 2 poles, 10 mm / .394" pitch
CPM__0M5 - 2 ÷ 3 poles, 5.08 mm / .200" pitch
CPM__0M6 - 1 ÷ 2 poles, 10.16 mm / .400" pitch
CPMH__0M1-0N 2÷3 poles, 5 mm / .197" pitch
CPMH__0M2-0N 1÷2 poles, 10 mm / .394" pitch
CPMH__0M5-0N 2÷3 poles, 5.08 mm / .200" pitch
CPMH__0M6-0N 1÷2 poles, 10.16 mm / .400" pitch



Straight, polarized male
CPM__0P1 - 2 ÷ 3 poles, 5 mm / .197" pitch
CPM__0P2 - 2 poles, 10 mm / .394" pitch
CPM__0P5 - 2 ÷ 3 poles, 5.08 mm / .200" pitch
CPM__0P6 - 2 poles, 10.16 mm / .400" pitch
CPMH__0P1-0N 2÷3 poles, 5 mm / .197" pitch
CPMH__0P2-0N 2 poles, 10 mm / .394" pitch
CPMH__0P5-0N 2÷3 poles, 5.08 mm / .200" pitch
CPMH__0P6-0N 2 poles, 10.16 mm / .400" pitch



90°, modular male
CPM__9M1 - 2 ÷ 3 poles, 5 mm / .197" pitch
CPM__9M2 - 1 ÷ 2 poles, 10 mm / .394" pitch
CPM__9M5 - 2 ÷ 3 poles, 5.08 mm / .200" pitch
CPM__9M6 - 1 ÷ 2 poles, 10.16 mm / .400" pitch
CPMH__9M1-0N 2÷3 poles, 5 mm / .197" pitch
CPMH__9M2-0N 1÷2 poles, 10 mm / .394" pitch
CPMH__9M5-0N 2÷3 poles, 5.08 mm / .200" pitch
CPMH__9M6-0N 1÷2 poles, 10.16 mm / .400" pitch



90°, polarized male
CPM__9P1 - 2 ÷ 3 poles, 5 mm / .197" pitch
CPM__9P2 - 2 poles, 10 mm / .394" pitch
CPM__9P5 - 2 ÷ 3 poles, 5.08 mm / .200" pitch
CPM__9P6 - 2 poles, 10.16 mm / .400" pitch
CPMH__9P1-0N 2÷3 poles, 5 mm / .197" pitch
CPMH__9P2-0N 2 poles, 10 mm / .394" pitch
CPMH__9P5-0N 2÷3 poles, 5.08 mm / .200" pitch
CPMH__9P6-0N 2 poles, 10.16 mm / .400" pitch

Usable with:

CIF	CVF	CCF	CCF double	CGF	CGFH
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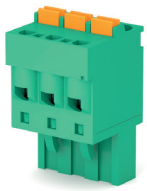
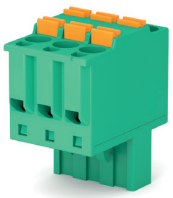

L = pitch x (poles - 1)

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