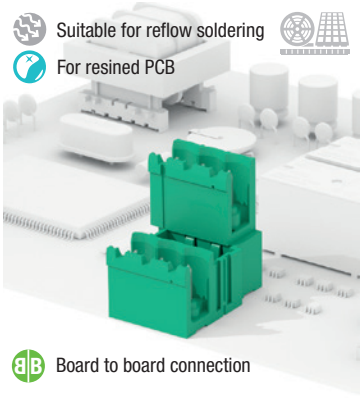
CPM

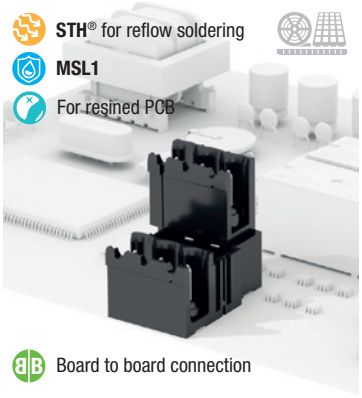


Suitable for reflow soldering

For resined PCB

Board to board connection

CPMH



STH® for reflow soldering

MSL1

For resined PCB

Board to board connection

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)
PCB thickness:	max 2.4 mm (.094 in)
PCB hole diameter:	min 1.4 mm (.055 in), for STH version min 1.5 mm (.059 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

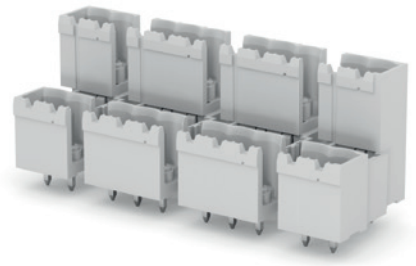
CSA (n. LR102896)
300 V - 15 A - for 5 mm and 5.08 mm pitch
600 V - 15 A - for 10 mm and 10.16 mm pitch

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.

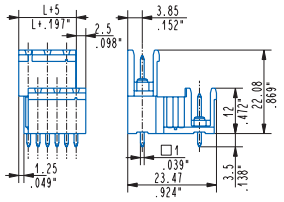
A higher number of poles is obtained by combining together **modular** parts.

Please see "CONNECTORS COMBINATIONS"

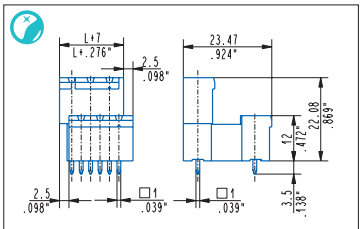
Your drawings and notes



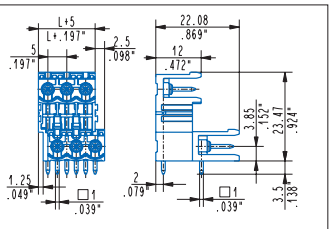
(*) A higher number of poles for the polarized version is obtained by combining together modular and polarized parts as the example above.



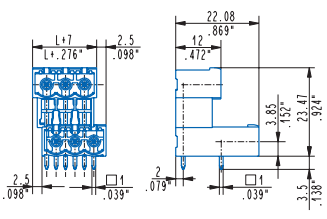
Straight, modular male
CPM__0M1 - 2 ÷ 8 poles, 5 mm / .197" pitch
CPM__0M2 - 1 ÷ 4 poles, 10 mm / .394" pitch
CPM__0M5 - 2 ÷ 3 poles, 5.08 mm / .200" pitch
CPM__0M6 - 1 ÷ 2 poles, 10.16 mm / .400" pitch
CPMH__0M1-0N 2÷3 poles, 5 mm / .197" pitch
CPMH__0M2-0N 1÷2 poles, 10 mm / .394" pitch
CPMH__0M5-0N 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	CIM-SC1
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