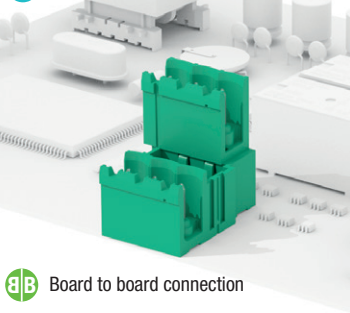


CPM

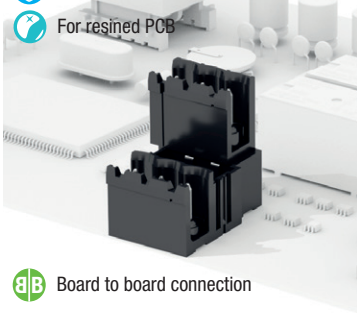
- Suitable for reflow soldering
- For resined PCB



Board to board connection

CPMH

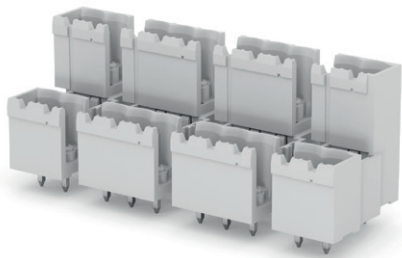
- STH® for reflow soldering
- MSL1
- For resined PCB



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)



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

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)

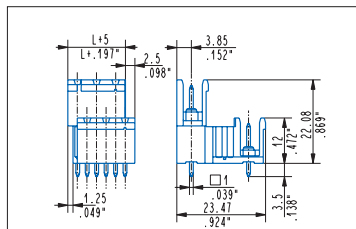
250 V - 16 A - 2.5 mm² - T80 - 2.5kV - 2 for 5 mm and 5.08 mm pitch
750 V - 16 A - 2.5 mm² - T80 - 6kV - 2 for 10 mm and 10.16 mm pitch

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

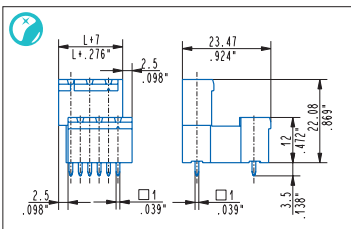
CSA (n. LR102896)

300 V - 15 A - for 5 mm and 5.08 mm pitch
600 V - 15 A - for 10 mm and 10.16 mm pitch



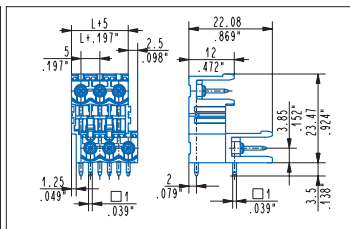
Straight, modular male

- 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-ON 2÷3 poles, 5 mm / .197" pitch
- CPMH_0M2-ON 1÷2 poles, 10 mm / .394" pitch
- CPMH_0M5-ON 2÷3 poles, 5.08 mm / .200" pitch
- CPMH_0M6-ON 1÷2 poles, 10.16 mm / .400" pitch



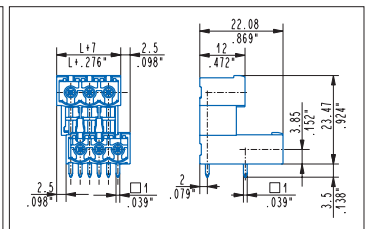
Straight, polarized male (*)

- 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-ON 2÷3 poles, 5 mm / .197" pitch
- CPMH_0P2-ON 2 poles, 10 mm / .394" pitch
- CPMH_0P5-ON 2÷3 poles, 5.08 mm / .200" pitch
- CPMH_0P6-ON 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-ON 2÷3 poles, 5 mm / .197" pitch
- CPMH_9M2-ON 1÷2 poles, 10 mm / .394" pitch
- CPMH_9M5-ON 2÷3 poles, 5.08 mm / .200" pitch
- CPMH_9M6-ON 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-ON 2÷3 poles, 5 mm / .197" pitch
- CPMH_9P2-ON 2 poles, 10 mm / .394" pitch
- CPMH_9P5-ON 2÷3 poles, 5.08 mm / .200" pitch
- CPMH_9P6-ON 2 poles, 10.16 mm / .400" pitch

Usable with:

CIF

CVF

CCF

CCF double

CGF

CGFH

CIM-SC1

