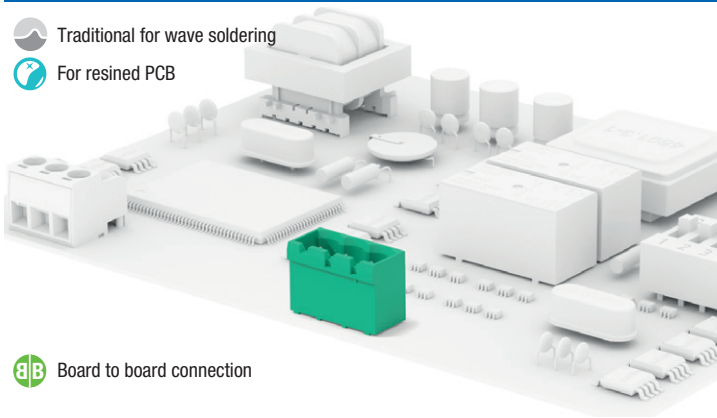


- Traditional for wave soldering
- For resined PCB



Board to board connection

General data

Dimensional class: medium
Standard colour: green
Pitches: metric 5 mm, 7.5 mm, 10 mm (.197 in, .295 in, .394 in)
 imperial 5.08, 7.62, 10.16 mm (.200, .300, .400 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)
Contact resistance: <15 mΩ
Insulation resistance: >10⁹ Ω (500V DC)
Insulating material group: I (CTI ≥ 600V)

Certifications

UL (n. E167473)

300 V - 15 A - for 5 mm, 5.08 mm, 7.5 mm and 7.62 mm pitch
 600 V - 15 A - for 10 mm and 10.16 mm pitch

VDE (n. 40027448)

250 V - 16 A - 2.5 mm² - T100 - 2.5 kV - 2 for 5 mm and 5.08 mm pitch
 500 V - 16 A - 2.5 mm² - T100 - 4 kV - 2 for 7.5 mm and 7.62 mm pitch
 750 V - 16 A - 2.5 mm² - T100 - 6 kV - 2 for 10 mm and 10.16 mm pitch

IMQ (n. EM672)

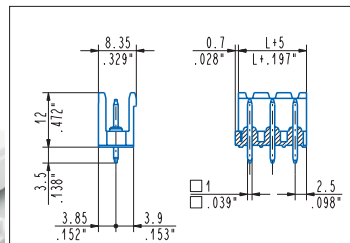
300 V - 12 A - 2.5 mm² - T110 - 4kV - III/2 for 5 mm and 5.08 mm pitch
 600 V - 12 A - 2.5 mm² - T110 - 6kV - III/2 for 7.5 mm and 7.62 mm pitch
 1000 V - 12 A - 2.5 mm² - T110 - 8kV - III/22 for 10 mm and 10.16 mm pitch

CSA (n. LR102896)

300 V - 15 A - for 5 mm, 5.08 mm, 7.5 mm and 7.62 mm pitch
 600 V - 15 A - for 10 mm and 10.16 mm pitch

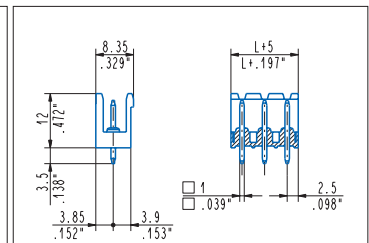
Application values for end-use equipment have to be in accordance to norms and applicable to it. The certifications of some product's versions could be pending, for more detailed and updated data please refer to our web site www.sauro.net or your representative Sales Manager

Please see "CONNECTORS COMBINATIONS"



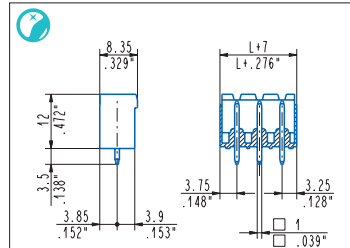
Straight, modular male

- CIM_0M1 - 2 ÷ 25 poles, 5 mm / .197" pitch
- CIM_0M2 - 1 ÷ 13 poles, 10 mm / .394" pitch
- CIM_0M5 - 2 ÷ 25 poles, 5.08 mm / .200" pitch
- CIM_0M6 - 1 ÷ 13 poles, 10.16 mm / .400" pitch



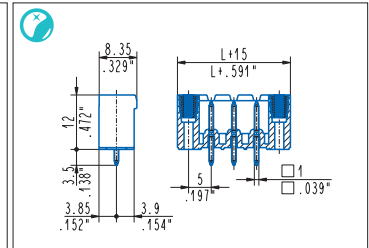
Straight, side stackable male

- CIM_0A1 - 2 ÷ 25 poles, 5 mm / .197" pitch
- CIM_0A3 - 2 ÷ 12 poles, 7.5 mm / .295" pitch
- CIM_0A2 - 2 ÷ 13 poles, 10 mm / .394" pitch
- CIM_0A5 - 2 ÷ 25 poles, 5.08 mm / .200" pitch
- CIM_0A7 - 2 ÷ 12 poles, 7.62 mm / .300" pitch
- CIM_0A6 - 2 ÷ 13 poles, 10.16 mm / .400" pitch



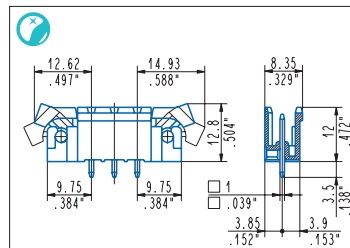
Straight, polarized male

- CIM_0P1 - 2 ÷ 25 poles, 5 mm / .197" pitch
- CIM_0P3 - 2 ÷ 12 poles, 7.5 mm / .295" pitch
- CIM_0P2 - 2 ÷ 13 poles, 10 mm / .394" pitch
- CIM_0P5 - 2 ÷ 25 poles, 5.08 mm / .200" pitch
- CIM_0P7 - 2 ÷ 12 poles, 7.62 mm / .300" pitch
- CIM_0P6 - 2 ÷ 13 poles, 10.16 mm / .400" pitch



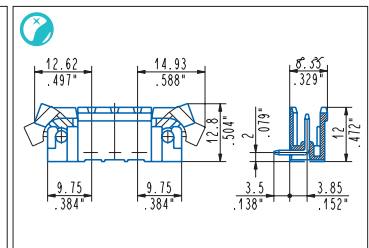
Straight, locking screw flanges male

- CIM_0V1 - 2 ÷ 24 poles, 5 mm / .197" pitch
- CIM_0V2 - 2 ÷ 12 poles, 10 mm / .394" pitch
- CIM_0V5 - 2 ÷ 24 poles, 5.08 mm / .200" pitch
- CIM_0V7 - 2 ÷ 12 poles, 7.62 mm / .300" pitch
- CIM_0V6 - 2 ÷ 12 poles, 10.16 mm / .400" pitch



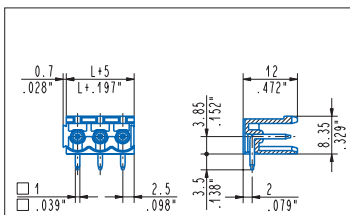
Straight, ejectors male

- CIM_0E1 - 2 ÷ 8 poles, 5 mm / .197" pitch
- CIM_0E2 - 2 ÷ 4 poles, 10 mm / .394" pitch
- CIM_0E5 - 2 ÷ 21 poles, 5.08 mm / .200" pitch
- CIM_0E6 - 2 ÷ 11 poles, 10.16 mm / .400" pitch



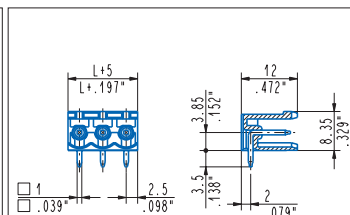
90°, ejectors male

- CIM_9E1 - 2 ÷ 8 poles, 5 mm / .197" pitch
- CIM_9E2 - 2 ÷ 4 poles, 10 mm / .394" pitch
- CIM_9E5 - 2 ÷ 21 poles, 5.08 mm / .200" pitch
- CIM_9E6 - 2 ÷ 11 poles, 10.16 mm / .400" pitch



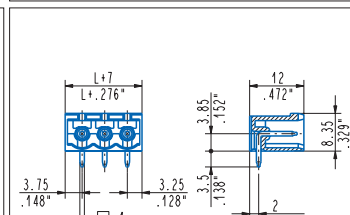
90°, modular male

- CIM_9M1 - 2 ÷ 25 poles, 5 mm / .197" pitch
- CIM_9M2 - 1 ÷ 13 poles, 10 mm / .394" pitch
- CIM_9M5 - 2 ÷ 25 poles, 5.08 mm / .200" pitch
- CIM_9M6 - 1 ÷ 13 poles, 10.16 mm / .400" pitch



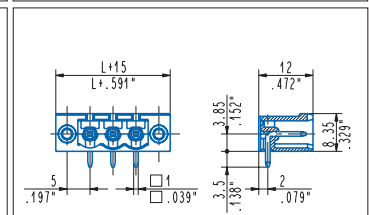
90°, side stackable male

- CIM_9A1 - 2 ÷ 25 poles, 5 mm / .197" pitch
- CIM_9A3 - 2 ÷ 12 poles, 7.5 mm / .295" pitch
- CIM_9A2 - 2 ÷ 13 poles, 10 mm / .394" pitch
- CIM_9A5 - 2 ÷ 25 poles, 5.08 mm / .200" pitch
- CIM_9A7 - 2 ÷ 12 poles, 7.62 mm / .300" pitch
- CIM_9A6 - 2 ÷ 13 poles, 10.16 mm / .400" pitch



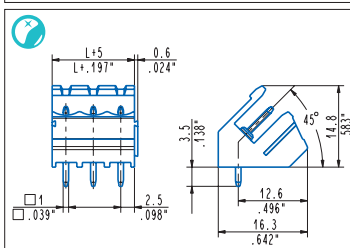
90°, polarized male

- CIM_9P1 - 2 ÷ 25 poles, 5 mm / .197" pitch
- CIM_9P3 - 2 ÷ 12 poles, 7.5 mm / .295" pitch
- CIM_9P2 - 2 ÷ 13 poles, 10 mm / .394" pitch
- CIM_9P5 - 2 ÷ 25 poles, 5.08 mm / .200" pitch
- CIM_9P7 - 2 ÷ 12 poles, 7.62 mm / .300" pitch
- CIM_9P6 - 2 ÷ 13 poles, 10.16 mm / .400" pitch



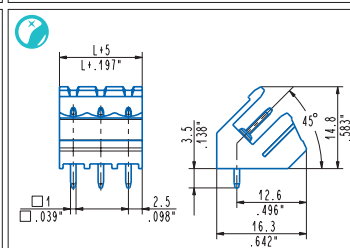
90°, locking screw flanges male

- CIM_9V1 - 2 ÷ 24 poles, 5 mm / .197" pitch
- CIM_9V2 - 2 ÷ 12 poles, 10 mm / .394" pitch
- CIM_9V5 - 2 ÷ 24 poles, 5.08 mm / .200" pitch
- CIM_9V7 - 2 ÷ 12 poles, 7.62 mm / .300" pitch
- CIM_9V6 - 2 ÷ 12 poles, 10.16 mm / .400" pitch



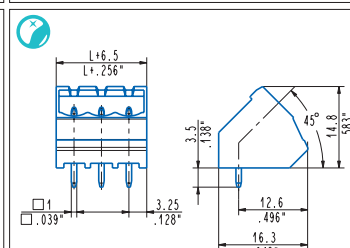
45°, modular male

- CIM_4M1 - 2 ÷ 25 poles, 5 mm / .197" pitch
 - CIM_4M2 - 1 ÷ 13 poles, 10 mm / .394" pitch
 - CIM_4M5* - 2 ÷ 8 poles, 5.08 mm / .200" pitch
 - CIM_4M6** - 1 ÷ 4 poles, 10.16 mm / .400" pitch
- *max 8 poles can be combined
 **max 4 poles can be combined



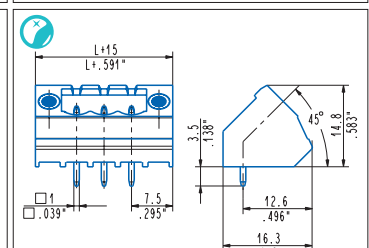
45°, side stackable male

- CIM_4A1 - 2 ÷ 25 poles, 5 mm / .197" pitch
 - CIM_4A2 - 2 ÷ 13 poles, 10 mm / .394" pitch
 - CIM_4A5* - 2 ÷ 8 poles, 5.08 mm / .200" pitch
 - CIM_4A6** - 2 ÷ 4 poles, 10.16 mm / .400" pitch
- *max 8 poles can be combined
 **max 4 poles can be combined



45°, polarized male

- CIM_4P1 - 2 ÷ 25 poles, 5 mm / .197" pitch
 - CIM_4P2 - 2 ÷ 13 poles, 10 mm / .394" pitch
 - CIM_4P5* - 2 ÷ 8 poles, 5.08 mm / .200" pitch
 - CIM_4P6** - 2 ÷ 4 poles, 10.16 mm / .400" pitch
- *max 8 poles can be combined
 **max 4 poles can be combined



45°, locking screw flanges male

- CIM_4V1 - 2 ÷ 23 poles, 5 mm / .197" pitch
- CIM_4V2 - 2 ÷ 12 poles, 10 mm / .394" pitch
- CIM_4V5 - 2 ÷ 8 poles, 5.08 mm / .200" pitch
- CIM_4V6 - 2 ÷ 4 poles, 10.16 mm / .400" pitch

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