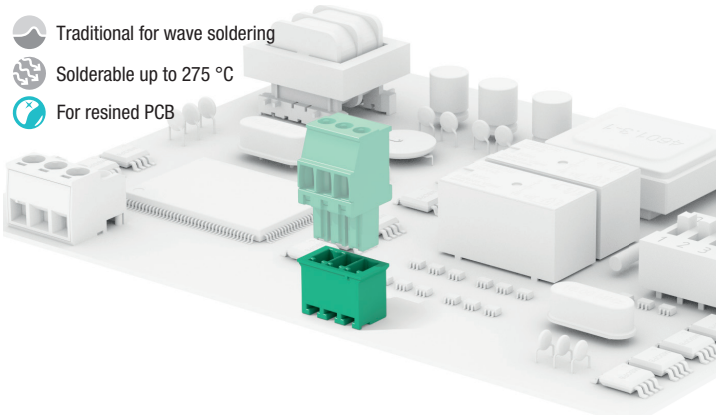


- Traditional for wave soldering
- Solderable up to 275 °C
- For resined PCB



General data

Dimensional class: low
Standard colour: green
Pitches: metric 3.5, 5, 7, 10 mm (.138, .197, .275, .394 in)
 imperial 3.81, 5.08, 7.62, 10.16 mm (.150, .200, .300, .400 in)
Insertion force per pole: max 3 N (max .674 lbf)
Withdrawal force per pole: min 1.5 N (min .337 lbf)
PCB thickness: max 2,4 mm (.094 in)
PCB hole diameter: min. 1.2 mm (.047 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 - 11 A - for 3.5 mm, 3.81 mm, 5 mm, 5.08 mm, 7 mm, 7.62 mm pitch
 600 V - 11 A - for 10 mm and 10.16 mm pitch

VDE (n. 40013398)
 130 V - 11 A - 1 mm² - T 85 - 1,5kV - 2 for 3.5 mm and 3.81 mm pitch
 250 V - 11 A - 1 mm² - T 85 - 2,5kV - 2 for 5 mm and 5.08 mm pitch
 450 V - 11 A - 1 mm² - T 85 - 4kV - 2 for 7 mm and 7.62 mm pitch

IMQ (n. CA02.00901)
 150 V - 11 A - 1.5 mm² - T110 - 2,5kV - III/3 / 300 V - 11 A - 1.5 mm² - T110 - 2,5kV - II/2 for 3.5, 3.81 mm pitch
 300 V - 11 A - 1.5 mm² - T110 - 4kV - III/3 / 600 V - 11 A - 1.5 mm² - T110 - 4kV - II/2 for 5, 5.08 mm pitch
 400 V - 11 A - 1.5 mm² - T110 - 6kV - III/3 / 1000 V - 11 A - 1.5 mm² - T110 - 6kV - II/2 for 7, 7.62 mm pitch
 630 V - 11 A - 1.5 mm² - T110 - 8kV - III/3 / 1000 V - 11 A - 1.5 mm² - T110 - 8kV - II/2 for 10, 10.16 mm pitch

CSA (n. LR102896)
 300 V - 11 A - for 3.5 mm, 3.81 mm, 7 mm and 7.62 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

* From 13 poles of 3.5,3.81,5 and 5.08 mm pitch the product is solderable up to 275 °C
 ** From 7 poles of 7.7,7.62,10 and 10.16 mm pitch the product is solderable up to 275 °C

Your drawings and notes

° The product is solderable up to 275 °C

Straight, modular male
CTM_O8M* - 2 ÷ 25 poles, 3,5 mm / .138" pitch
CTM_O1M* - 2 ÷ 22 poles, 5 mm / .197" pitch
CTM_O9M** - 2 ÷ 13 poles, 7 mm / .276" pitch
CTM_O2M* - 1 ÷ 11 poles, 10 mm / .394" pitch
CTM_O7M* - 2 ÷ 25 poles, 3,81 mm / .150" pitch
CTM_O5M* - 2 ÷ 3 poles, 5,08 mm / .200" pitch
CTM_O7M** - 1 ÷ 13 poles, 7,62 mm / .300" pitch
CTM_O6M* - 1 ÷ 2 poles, 10,16 mm / .400" pitch

Straight, polarized male
CTM_OP8 - 2 ÷ 12 poles, 3,5 mm / .138" pitch
CTM_OP9 - 2 ÷ 6 poles, 7 mm / .276" pitch
CTM_OPT - 2 ÷ 12 poles, 3,81 mm / .150" pitch
CTM_OP7 - 2 ÷ 6 poles, 7,62 mm / .300" pitch

Straight, polarized male
CTM_OP8* - 13 ÷ 25 poles, 3,5 mm / .138" pitch
CTM_OP9* - 7 ÷ 13 poles, 7 mm / .276" pitch
CTM_OPT* - 13 ÷ 25 poles, 3,81 mm / .150" pitch
CTM_OP7* - 7 ÷ 13 poles, 7,62 mm / .300" pitch
CTM_OP1* - 2 ÷ 22 poles, 5 mm / .197" pitch
CTM_OP2* - 2 ÷ 11 poles, 10 mm / .394" pitch
CTM_OP5* - 2 ÷ 3 poles, 5,08 mm / .200" pitch
CTM_OP6* - 2 poles, 10,16 mm / .400" pitch

Straight, locking screw flanges male
CTM_O8* - 2 ÷ 23 poles, 3,5 mm / .138" pitch
CTM_O1* - 2 ÷ 22 poles, 5 mm / .197" pitch
CTM_O9** - 2 ÷ 11 poles, 7 mm / .276" pitch
CTM_O2* - 2 ÷ 11 poles, 10 mm / .394" pitch
CTM_O7* - 2 ÷ 23 poles, 3,81 mm / .150" pitch
CTM_O7** - 2 ÷ 11 poles, 7,62 mm / .300" pitch

45°, modular male
CTM_4MT* - 2 ÷ 16 poles, 3,81 mm / .150" pitch
CTM_4M7* - 1 ÷ 8 poles, 7,62 mm / .300" pitch

45°, polarized male
CTM_4PT* - 2 ÷ 16 poles, 3,81 mm / .150" pitch
CTM_4P7* - 2 ÷ 8 poles, 7,62 mm / .300" pitch

45°, locking screw flanges male
CTM_4VT* - 2 ÷ 16 poles, 3,81 mm / .150" pitch
CTM_4V7* - 2 ÷ 8 poles, 7,62 mm / .300" pitch

45°, locking screw flanges & fake pin
CTM_4FT* - 2 ÷ 16 poles, 3,81 mm / .150" pitch
CTM_4F7* - 2 ÷ 8 poles, 7,62 mm / .300" pitch

