

 **STH** for reflow soldering

 **MSL1**



Your drawings and notes

Last release



General data

Dimensional class: low
Standard colour: black
Pitches: imperial 3.81, 5.08, 7.62, 10.16 mm (.150, .200, .300, .400 in)
PCB thickness: max. 1.6 mm (.063 in)
PCB hole diameter: min. 1.1 mm (.043 in)
Stripping length: 10 mm (.39 in)
Operating temperature range -40 °C ÷ +105 °C (-40 °F ÷ +221 °F)
Contact resistance: <15 mΩ
Insulating material group: I (CTI ≥ 600V)
Self-extinguishing class UL94: V0
Insulation resistance: >10⁹ Ω (500V DC)

Certifications

UL (n. E167473)

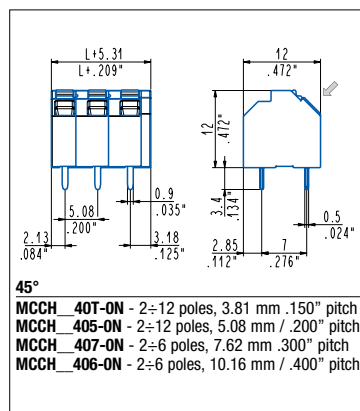
300 V - 10 A - 30÷16 AWG for 3.81, 5.08, 7.62 mm pitch
600 V - 10 A - 30÷16 AWG for 10.16 mm pitch usage group D

Data according to

IEC EN 60947-7-4

160 V (insulation voltage III/2) - 13.5 A - 0.2÷1.5 mm² for 3.81 mm pitch
320 V (insulation voltage III/2) - 13.5 A - 0.2÷1.5 mm² for 5.08 mm pitch
630 V (insulation voltage III/2) - 13.5 A - 0.2÷1.5 mm² for 7.62 mm pitch
1000 V (insulation voltage III/2) - 13.5 A - 0.2÷1.5 mm² for 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.



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