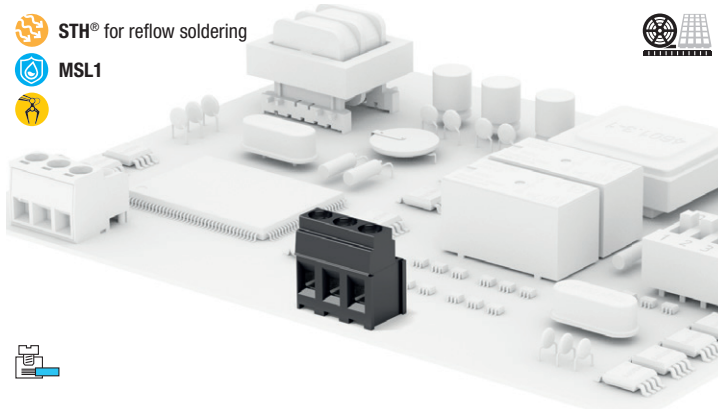


MSMH

STH® for reflow soldering

MSL1



General data

Dimensional class: medium
Standard colour: black
Pitches: metric 5 mm, 7.5 mm, 10 mm (.197 in, .295 in, .394 in)
 imperial 5.08 mm, 7.62 mm, 10.16 mm (.200 in, .300 in, .400 in)
Screw dimension: M3
Recommended/highest tightening torque: 0.5/0.6 Nm (4.42/5.31 lbf-in)
PCB thickness: max. 2.4 mm (.094 in)
PCB hole diameter: min. 1.5 mm (.059 in)
Stripping length: 5.5 ÷ 6.5 mm (.22 ÷ .26 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 - 17.5 A - 30÷12 AWG - 7 lbf-in for 5 mm, 5.08 mm, 7.5 mm and 7.62 mm pitch
 600 V - 17.5 A - 30÷12 AWG - 7 lbf-in for 10 mm and 10.16 mm pitch

Data according to

IEC EN 60947-7-4

250 V - 24 A - 2.5 mm² - T 110 for 5 mm and 5.08 mm pitch
 750 V - 24 A - 2.5 mm² - T 110 for 7.5 mm, 7.62 mm, 10 mm and 10.16 mm pitch

