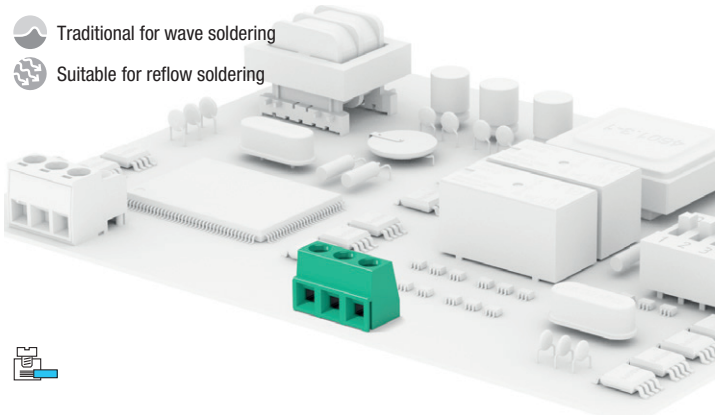


- Traditional for wave soldering
- Suitable for reflow soldering



General data

| | |
|---|--|
| Dimensional class: | low |
| Standard colour: | green |
| Pitches: | metric 5 mm, 10 mm (.197 in, .394 in) imperial 5.08 mm, 10.16 mm (.200 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. 1.3 mm (.047 in) / 1.4 mm (.055 in) for "T" version |
| Stripping length | 5 ÷ 6 mm (.197 ÷ .24 in) |
| 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) |

Certifications

UL (n. E167473) *factory wiring - **field wiring
 300 V - 13.5 A (*), 10 A (**) - 30÷16 AWG - 6 lbf-in for 5 mm, 5.08 mm pitch
 300 V - 17.5 A (*), 15 A (**) - 30÷14 AWG - 6 lbf-in for 55° and 5 mm, 5.08 mm pitch
 600 V - 13.5 A (*), 10 A (**) - 30÷16 AWG - 6 lbf-in for 10 mm and 10.16 mm pitch
 600 V - 17.5 A (*), 15 A (**) - 30÷14 AWG - 6 lbf-in for 55° and 10 mm and 10.16 mm pitch

VDE (n. 40022744)

250 V - 13.5 A - T 110 - 1 mm² for 5 mm and 5.08 mm pitch
 750 V - 13.5 A - T 110 - 1 mm² for 10 mm and 10.16 mm pitch

IMQ (n. EC318)

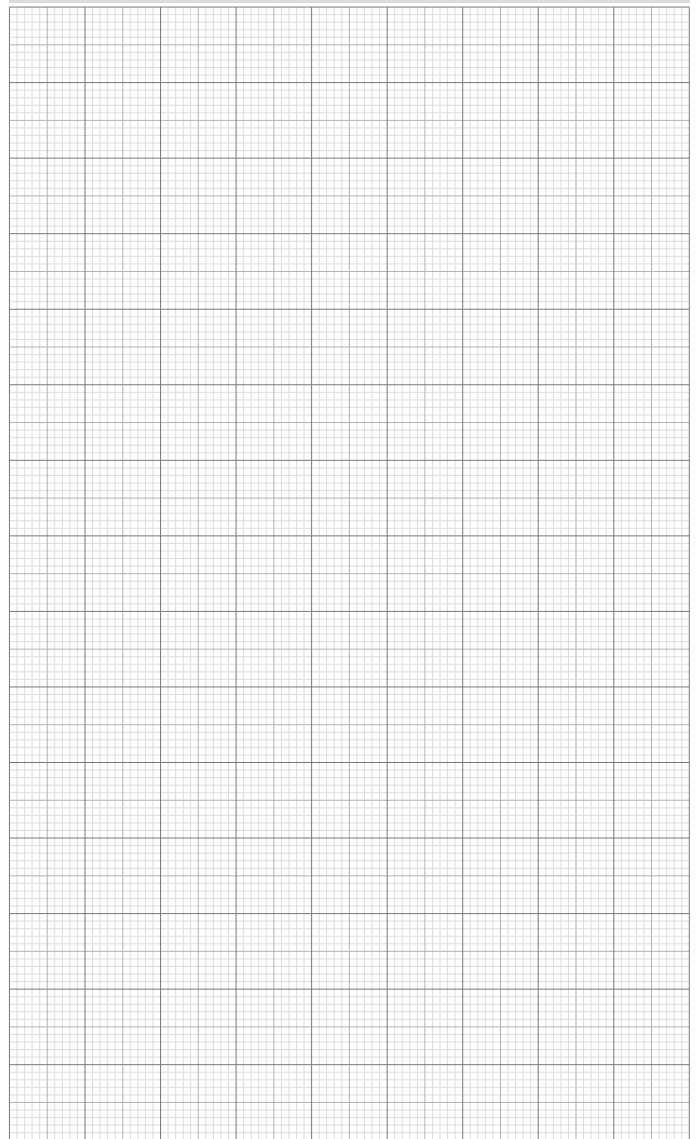
250 V - T 110 - 17.5 A - 1.5 mm² solid (13.5 A - 1 mm² stranded) for 5 mm and 5.08 mm pitch
 750 V - T 110 - 17.5 A - 1.5 mm² solid (13.5 A - 1 mm² stranded) for 10 mm and 10.16 mm pitch

CSA (n. LR102896)

300 V - 13.5 A - 30÷15 AWG for 5 mm, 5.08 mm pitch
 600 V - 13.5 A - 30÷15 AWG 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

Your drawings and notes



Straight, modular
MSB_001 2 ÷ 25 poles, 5 mm / .197" pitch
MSB_002 1 ÷ 13 poles, 10 mm / .394" pitch
MSB_005 2 ÷ 25 poles, 5.08 mm / .200" pitch
MSB_006 1 ÷ 13 poles, 10.16 mm / .400" pitch

Straight, modular, pegs
MSB_001-0000P 2÷25 poles, 5 mm/.197" pitch
MSB_002-0000P 1÷13 poles, 10 mm/.394" pitch
MSB_005-0000P 2÷25 poles, 5.08 mm/.200" pitch
MSB_006-0000P 1÷13 poles, 10.16 mm/.400" pitch

55°, modular
MSB_041* 2 ÷ 5 poles, 5 mm / .197" pitch
MSB_042** 1 ÷ 3 poles, 10 mm / .394" pitch
MSB_045 2 ÷ 16 poles, 5.08 mm / .200" pitch
MSB_046 1 ÷ 8 poles, 10.16 mm / .400" pitch
 *max 5 poles can be combined
 **max 4 poles can be combined

55°, side stackable
MSB_061 2 ÷ 5 poles, 5 mm / .197" pitch
MSB_062 2 ÷ 3 poles, 10 mm / .394" pitch
MSB_065 2 ÷ 16 poles, 5.08 mm / .200" pitch
MSB_066 2 ÷ 8 poles, 10.16 mm / .400" pitch

90°, modular
MSB_091 2 ÷ 25 poles, 5 mm / .197" pitch
MSB_092 1 ÷ 13 poles, 10 mm / .394" pitch
MSB_095 2 ÷ 25 poles, 5.08 mm / .200" pitch
MSB_096 1 ÷ 13 poles, 10.16 mm / .400" pitch

90° "T" version, modular
MSB_T01 2 ÷ 25 poles, 5 mm / .197" pitch
MSB_T02 1 ÷ 13 poles, 10 mm / .394" pitch
MSB_T05 2 ÷ 8 poles, 5.08 mm / .200" pitch
MSB_T06 1 ÷ 4 poles, 10.16 mm / .400" pitch

90° "T" version, side stackable
MSB_TA1 2 ÷ 22 poles, 5 mm / .197" pitch
MSB_TA2 2 ÷ 11 poles, 10 mm / .394" pitch
MSB_TA5 2 ÷ 8 poles, 5.08 mm / .200" pitch
MSB_TA6 2 ÷ 4 poles, 10.16 mm / .400" pitch

