

- 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)

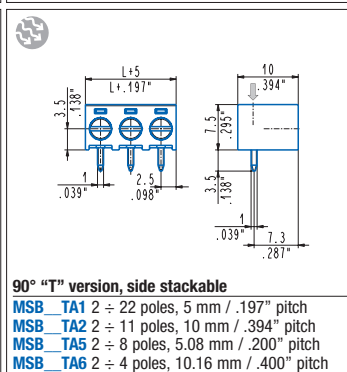
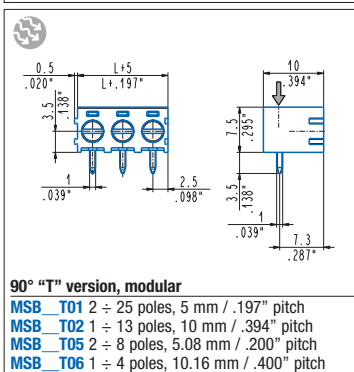
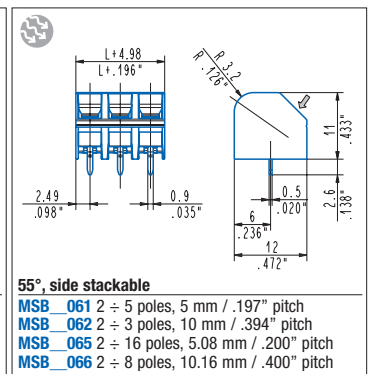
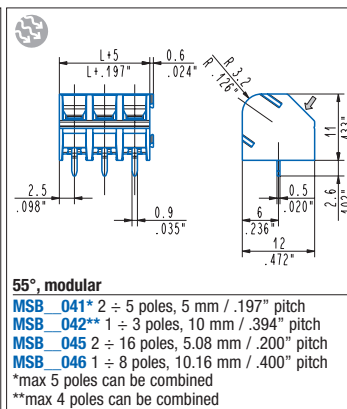
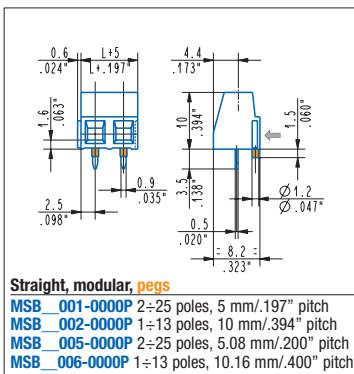
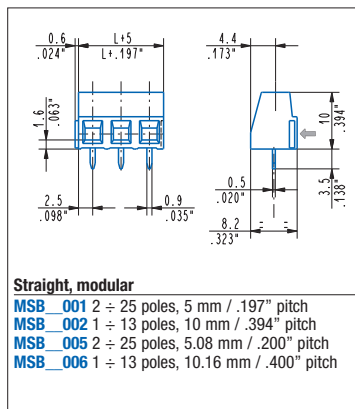
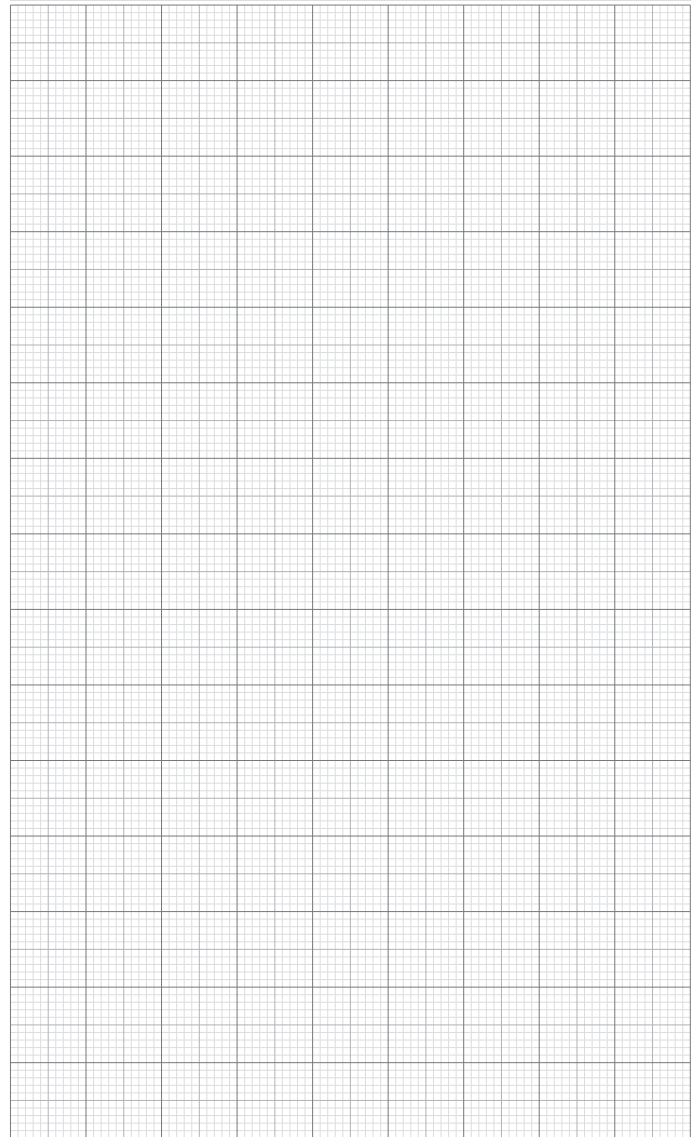
250 V - T 110 - 17.5 A - 1.5 mm² solid (13.5 A - 1 mm² stranded) for 5 mm and 5.08 mm pitch
750 V - T 110 - 17.5 A - 1.5 mm² solid (13.5 A - 1 mm² stranded) for 10 mm and 10.16 mm pitch

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



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