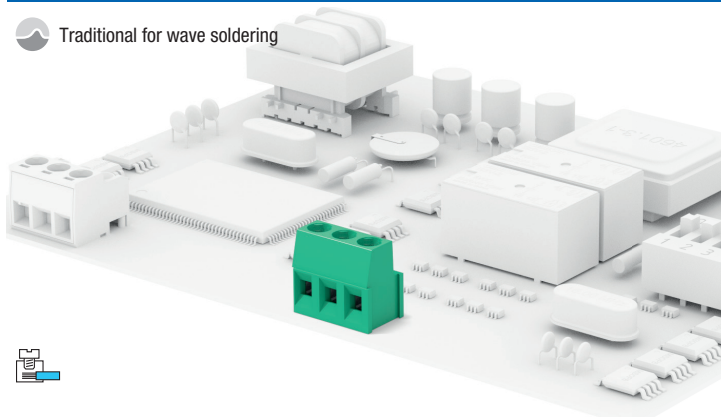


Traditional for wave soldering



General data

Dimensional class:	medium
Standard colour:	green
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. 1.4 mm (.055 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:	>10 ⁹ Ω (500V DC)
Insulating material group:	I (CTI ≥ 600V)

Certifications

UL (n. E167473) *factory wiring - **field wiring
300 V - 17.5 A (*), 15A (**)- 30÷14 AWG - 7 lbf-in for 5 mm, 5.08 mm, 7.5 mm and 7.62 mm pitch
600 V - 17.5 A (*), 15A (**)- 30÷14 AWG - 7 lbf-in for 10 mm and 10.16 mm pitch

VDE (n. 40022749)

250 V - 17.5 A - T 110 - 1.5 mm² for 5 mm and 5.08 mm pitch
750 V - 17.5 A - T 110 - 1.5 mm² for 7.5 mm and 7.62 mm pitch
750 V - 17.5 A - T 110 - 1.5 mm² for 10 mm and 10.16 mm pitch

IMQ (n. EI056)

250 V - T 110 - 24 A - 2.5 mm² solid (17.5 A - 1.5 mm² stranded) for 5 mm and 5.08 mm pitch
750 V - T 110 - 24 A - 2.5 mm² solid (17.5 A - 1.5 mm² stranded) for 7.5 mm, 7.62 mm, 10 mm and 10.16 mm pitch

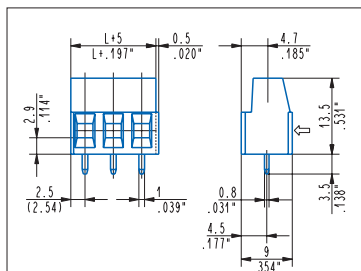
CSA (n. LR102896)

300 V - 17.5 A - 30÷13 AWG for 5 mm, 5.08 mm, 7.5 mm and 7.62 mm pitch
600 V - 17.5 A - 30÷13 AWG for 10 mm and 10.16 mm pitch

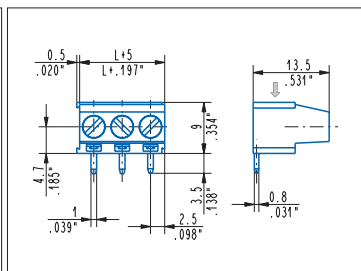
Application values for end-use equipment have to be in accordance to norms and applicable to it. The certifications of some product's versions could be pending, for more detailed and updated data please refer to our web site www.sauro.net or your representative Sales Manager

Your drawings and notes

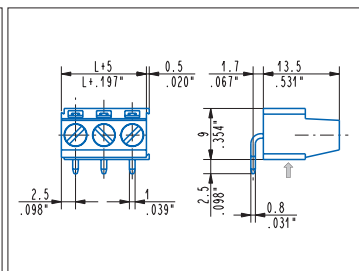
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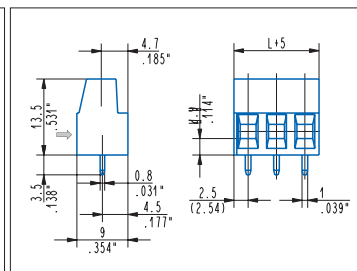
- Straight, modular**
MSG_001 - 2÷25 poles, 5 mm / .197" pitch
MSG_003 - 2÷5 poles, 7.5 mm / .295" pitch
MSG_002 - 1÷13 poles, 10 mm / .394" pitch
MSG_005 - 2÷25 poles, 5.08 mm / .200" pitch
MSG_007 - 2÷3 poles, 7.62 mm / .300" pitch
MSG_006 - 1÷13 poles, 10.16 mm / .400" pitch



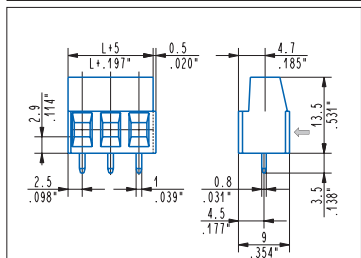
- 90°, modular**
MSG_091 - 2÷25 poles, 5 mm / .197" pitch
MSG_093 - 2÷5 poles, 7.5 mm / .295" pitch
MSG_092 - 1÷13 poles, 10 mm / .394" pitch
MSG_095 - 2÷25 poles, 5.08 mm / .200" pitch
MSG_097 - 2÷3 poles, 7.62 mm / .300" pitch
MSG_096 - 1÷13 poles, 10.16 mm / .400" pitch



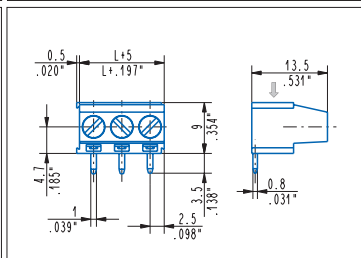
- 270°, modular**
MSG_051 - 2÷25 poles, 5 mm / .197" pitch
MSG_053 - 2÷5 poles, 7.5 mm / .295" pitch
MSG_052 - 1÷13 poles, 10 mm / .394" pitch
MSG_055 - 2÷25 poles, 5.08 mm / .200" pitch
MSG_057 - 2÷3 poles, 7.62 mm / .300" pitch
MSG_056 - 1÷13 poles, 10.16 mm / .400" pitch



- Side stackable**
MSG_OA1 - 2÷25 poles, 5 mm / .197" pitch
MSG_OA2 - 1÷13 poles, 10 mm / .394" pitch
MSG_OA5 - 2÷25 poles, 5.08 mm / .200" pitch
MSG_OA6 - 1÷13 poles, 10.16 mm / .400" pitch



- Straight, modular, short circuited**
MSG_001-000C 2÷3 poles, 5 mm / .197" pitch
MSG_005-000C 2÷3 poles, 5.08 mm / .200" pitch



- 90°, modular, short circuited**
MSG_091-000C 2÷3 poles, 5 mm / .197" pitch
MSG_095-000C 2÷3 poles, 5.08 mm / .200" pitch