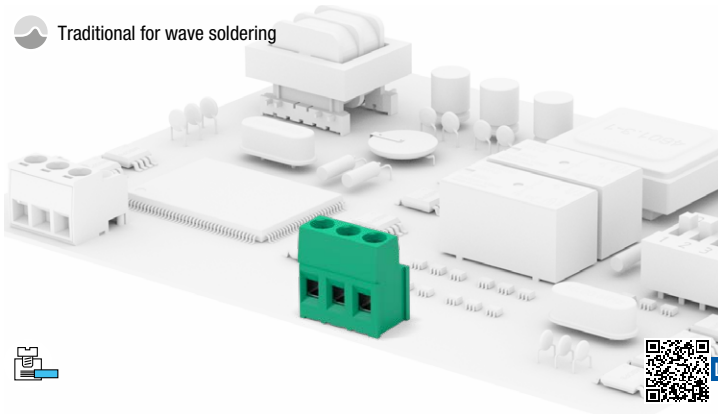


Traditional for wave soldering



Last release

Distributed by:



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
Insulating material group:	I (CTI ≥ 600V)
Self-extinguishing class UL94:	VO
Insulation resistance:	>10 ⁹ Ω (500V DC)

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

VDE (n. 40022741)

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

IMQ (n. EA022)

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

CSA (n. LR102896)

300 V - 17.5 A - 30÷12 AWG for 5 mm, 5.08 mm, 7.5 mm and 7.62 mm pitch
600 V - 17.5 A - 30÷12 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.

A higher number of poles is obtained by combining together **modular** parts.

270°, modular

- MSM_051 - 2÷25 poles, 5 mm / .197" pitch
- MSM_053 - 2÷4 poles, 7.5 mm / .295" pitch
- MSM_052 - 1÷13 poles, 10 mm / .394" pitch
- MSM_055 - 2÷25 poles, 5.08 mm / .200" pitch
- MSM_057 - 2÷3 poles, 7.62 mm / .300" pitch
- MSM_056 - 1÷13 poles, 10.16 mm / .400" pitch

0°, modular

- MSM_001 - 2÷25 poles, 5 mm / .197" pitch
- MSM_003 - 2÷4 poles, 7.5 mm / .295" pitch
- MSM_002 - 1÷13 poles, 10 mm / .394" pitch
- MSM_005 - 2÷25 poles, 5.08 mm / .200" pitch
- MSM_007 - 2÷3 poles, 7.62 mm / .300" pitch
- MSM_006 - 1÷13 poles, 10.16 mm / .400" pitch

0°, modular, terminal aligned with the screw

- MSM_001-000T 2÷25 poles, 5 mm .197" pitch
- MSM_003-000T 2÷4 poles, 7.5 mm .295" pitch
- MSM_002-000T 1÷13 poles, 10 mm .394" pitch
- MSM_005-000T 2÷25 poles, 5.08 mm .200" pitch
- MSM_007-000T 2÷3 poles, 7.62 mm .300" pitch
- MSM_006-000T 1÷13 poles, 10.16 mm .400" pitch

35°, modular

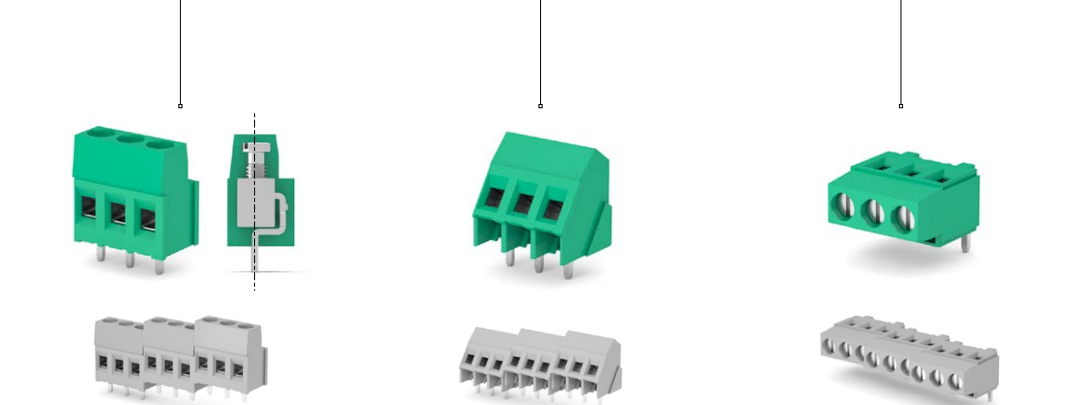
- MSM_041 - 2÷20 poles, 5 mm / .197" pitch
- MSM_043 - 2÷12 poles, 7.5 mm / .295" pitch
- MSM_042 - 1÷10 poles, 10 mm / .394" pitch
- MSM_045 - 2÷25 poles, 5.08 mm / .200" pitch
- MSM_047 - 2÷12 poles, 7.62 mm / .300" pitch
- MSM_046 - 1÷13 poles, 10.16 mm / .400" pitch

90°, modular

- MSM_091 - 2÷25 poles, 5 mm / .197" pitch
- MSM_093 - 2÷4 poles, 7.5 mm / .295" pitch
- MSM_092 - 1÷13 poles, 10 mm / .394" pitch
- MSM_095 - 2÷25 poles, 5.08 mm / .200" pitch
- MSM_097 - 2÷3 poles, 7.62 mm / .300" pitch
- MSM_096 - 1÷13 poles, 10.16 mm / .400" pitch

0°, side stackable

- MSM_0A7 - 2÷3 poles, 7.62 mm .300" pitch





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