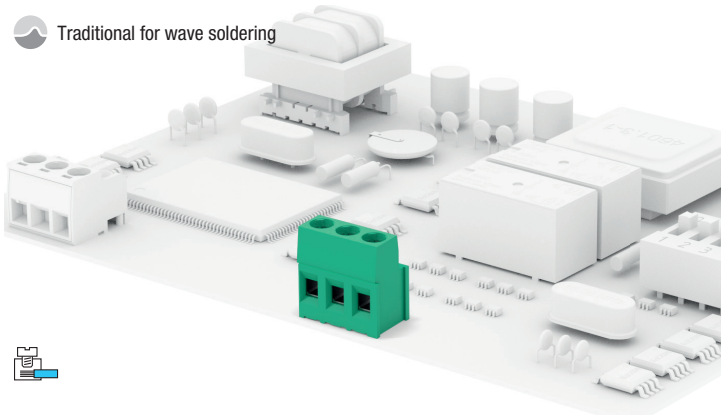
MSM

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)
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

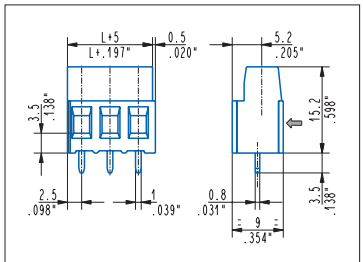
VDE (n. 40022741)
250 V - 24 A - T 110 - 2.5 mm² for 5 mm and 5.08 mm pitch
450 V - 24 A - T 110 - 2.5 mm² for 7.5 mm and 7.62 mm pitch
750 V - 24 A - T 110 - 2.5 mm² for 10 mm and 10.16 mm pitch

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

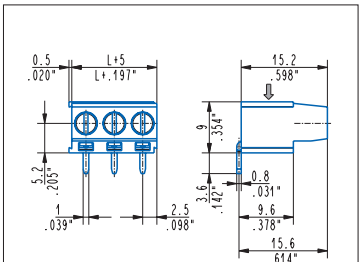
CSA (n. LR102896)
300 V - 17.5 A - 30÷12 AWG for 5 mm, 5.08 mm, 7.5 mm and 7.62 mm pitch
600 V - 17.5 A - 30÷12 AWG for 10 mm and 10.16 mm pitch

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

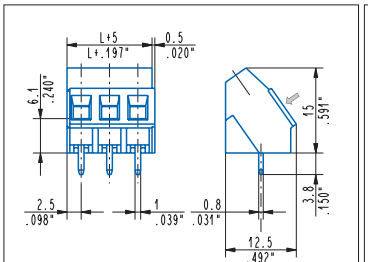
Your drawings and notes



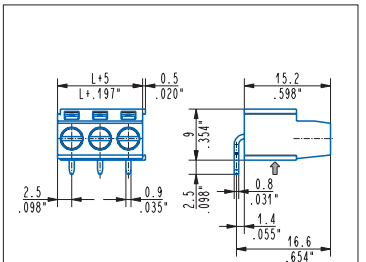
Straight, modular
MSM__001 - 2÷25 poles, 5 mm / .197" pitch
MSM__003 - 2÷4 poles, 7.5 mm / .295" pitch
MSM__002 - 1÷13 poles, 10 mm / .394" pitch
MSM__005 - 2÷25 poles, 5.08 mm / .200" pitch
MSM__007 - 2÷3 poles, 7.62 mm / .300" pitch
MSM__006 - 1÷13 poles, 10.16 mm / .400" pitch



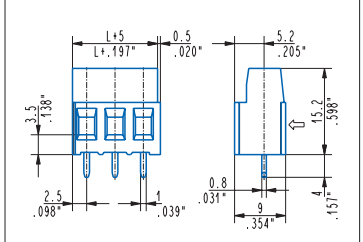
90°, modular
MSM__091 - 2÷25 poles, 5 mm / .197" pitch
MSM__093 - 2÷4 poles, 7.5 mm / .295" pitch
MSM__092 - 1÷13 poles, 10 mm / .394" pitch
MSM__095 - 2÷25 poles, 5.08 mm / .200" pitch
MSM__097 - 2÷3 poles, 7.62 mm / .300" pitch
MSM__096 - 1÷13 poles, 10.16 mm / .400" pitch



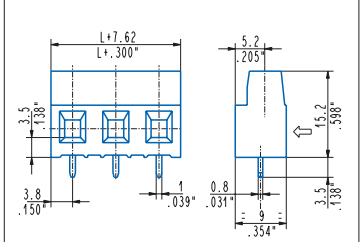
35°, modular
MSM__041 - 2÷12 poles, 5 mm / .197" pitch
MSM__043 - 2÷12 poles, 7.5 mm / .295" pitch
MSM__042 - 1÷6 poles, 10 mm / .394" pitch
MSM__045 - 2÷25 poles, 5.08 mm / .200" pitch
MSM__047 - 2÷12 poles, 7.62 mm / .300" pitch
MSM__046 - 1÷13 poles, 10.16 mm / .400" pitch



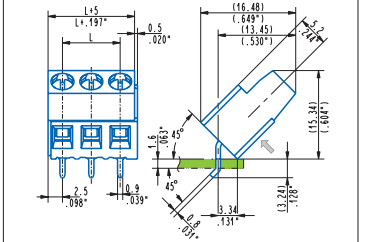
270°, modular
MSM__051 - 2÷25 poles, 5 mm / .197" pitch
MSM__053 - 2÷4 poles, 7.5 mm / .295" pitch
MSM__052 - 1÷13 poles, 10 mm / .394" pitch
MSM__055 - 2÷25 poles, 5.08 mm / .200" pitch
MSM__057 - 2÷3 poles, 7.62 mm / .300" pitch
MSM__056 - 1÷13 poles, 10.16 mm / .400" pitch



Straight, 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



Straight, side stackable
MSM__0A7 - 2÷3 poles, 7.62 mm .300" pitch



225° modular
MSM__001-000G 2÷25 poles, 5 mm .197" pitch
MSM__003-000G 2÷4 poles, 7.5 mm .295" pitch
MSM__002-000G 1÷13 poles, 10 mm .394" pitch
MSM__005-000G 2÷25 poles, 5.08 mm .200" pitch
MSM__007-000G 2÷3 poles, 7.62 mm .300" pitch
MSM__006-000G 1÷13 poles, 10.16 mm .400" pitch