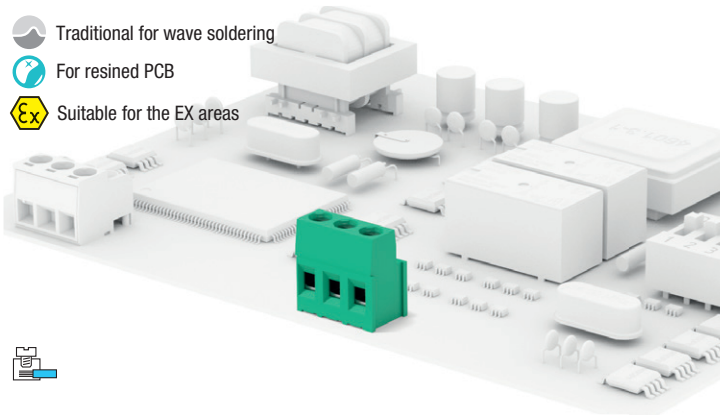
MSS

Traditional for wave soldering
For resined PCB
Suitable for the EX areas



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 ÷ +120 °C (-40 °F ÷ +248 °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

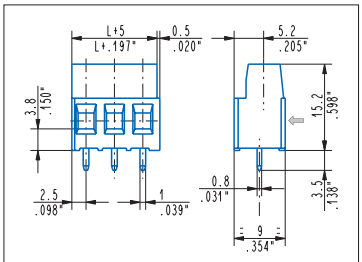
VDE (n. 40022745)
250 V - 24 A - 2.5 mm² - T 110 for 5 mm and 5.08 mm pitch
750 V - 24 A - 2.5 mm² - T 110 for 7.5 mm, 7.62 mm, 10 mm and 10.16 mm pitch

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

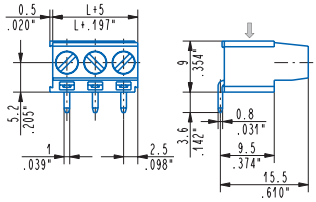
CSA (n. LR102896)
300 V - 17.5 A - 30÷12 AWG for 5 mm, 5.08 mm, 7.5 mm and 7.62 mm pitch
600 V - 17.5 A - 30÷12 AWG for 10 mm and 10.16 mm pitch

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

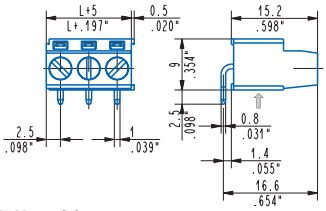
Your drawings and notes



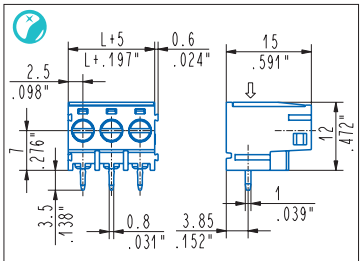
Straight, modular
MSS__001 - 2÷25 poles, 5 mm / .197" pitch
MSS__003 - 2÷4 poles, 7.5 mm / .295" pitch
MSS__002 - 1÷13 poles, 10 mm / .394" pitch
MSS__005 - 2÷25 poles, 5.08 mm / .200" pitch
MSS__007 - 2÷3 poles, 7.62 mm / .300" pitch
MSS__006 - 1÷13 poles, 10.16 mm / .400" pitch



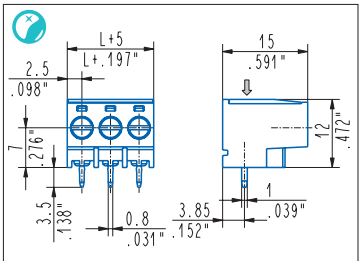
90°, modular
MSS__091 - 2÷25 poles, 5 mm / .197" pitch
MSS__093 - 2÷4 poles, 7.5 mm / .295" pitch
MSS__092 - 1÷13 poles, 10 mm / .394" pitch
MSS__095 - 2÷25 poles, 5.08 mm / .200" pitch
MSS__097 - 2÷3 poles, 7.62 mm / .300" pitch
MSS__096 - 1÷13 poles, 10.16 mm / .400" pitch



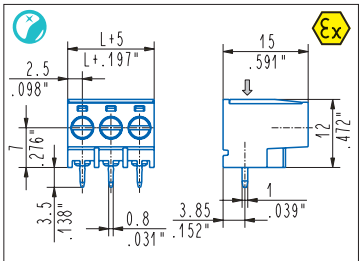
270°, modular
MSS__051 - 2÷25 poles, 5 mm / .197" pitch
MSS__053 - 2÷4 poles, 7.5 mm / .295" pitch
MSS__052 - 1÷13 poles, 10 mm / .394" pitch
MSS__055 - 2÷25 poles, 5.08 mm / .200" pitch
MSS__057 - 2÷3 poles, 7.62 mm / .300" pitch
MSS__056 - 1÷13 poles, 10.16 mm / .400" pitch



90° "T" version, modular
MSS__TM1 - 2÷18 poles, 5 mm / .197" pitch
MSS__TM3 - 2÷3 poles, 7.5 mm / .295" pitch
MSS__TM2 - 1÷9 poles, 10 mm / .394" pitch
MSS__TM5 - 2÷3 poles, 5.08 mm / .200" pitch
MSS__TM7 - 2÷3 poles, 7.62 mm / .300" pitch
MSS__TM6 - 1÷2 poles, 10.16 mm / .400" pitch



90° "T" version, side stackable
MSS__TA1 - 2÷18 poles, 5 mm / .197" pitch
MSS__TA3 - 2÷6 poles, 7.5 mm / .295" pitch
MSS__TA2 - 2÷9 poles, 10 mm / .394" pitch
MSS__TA5 - 2 poles, 5.08 mm / .200" pitch



90° "T" version, side stackable
MSS__TA1-0NT01X 2÷18 poles, 5 mm/.197" pitch
MSS__TA3-0NT01X 2÷6 poles, 7.5 mm/.295" pitch
MSS__TA2-0NT01X 2÷9 poles, 10 mm/.394" pitch
MSS__TA5-0NT01X 2 poles, 5.08 mm/.200" pitch

L = pitch x (poles - 1)

The drawing refers to only a pitch, please see our complete range of products by visiting our website on **www.sauro.net** or refering to your representative Sales Manager