STH for reflow soldering

MSL1

Last release

Your drawings and notes

General data

Dimensional class:	high
Standard colour:	black
Pitches:	metric 5 mm, 7.5 mm (.197 in, .295 in)
	imperial 5.08 mm, 7.62 mm (.200 in, .300 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. 1.5 mm (.059 in)
Stripping length:	6.5 ÷ 7 mm (.26 ÷ .28 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:	V0
Insulation resistance:	>10^9 Ω (500V DC)

Data according to

UL 1059

300 V - 24 A (factory wiring), 20 A (field wiring) - 30÷12 AWG - for 5 mm, 5.08 mm, 7.5 and 7.62 mm
600 V - 24 A (factory wiring), 20 A (field wiring) - 30÷12 AWG - for 10 mm pitch

IEC EN 60947-7-4

250 V - 32 A - 4 mm^2 solid (24 A - 2.5 mm^2 stranded) for 5 mm and 5.08 mm pitch
750 V - 32 A - 4 mm^2 solid (24 A - 2.5 mm^2 stranded) for 7.5 mm, 7.62 mm, 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.

0°, modular
MSQH__0M3-0N 2÷4 poles, 7.5 mm / .295" pitch
MSQH__0M5-0N 2÷6 poles, 5.08 mm / .200" pitch
MSQH__0M7-0N 2÷3 poles, 7.62 mm / .300" pitch

0°, side stackable
MSQH__0A3-0N 2÷12 poles, 7.5 mm / .295" pitch
MSQH__0A5-0N 2÷6 poles, 5.08 mm / .200" pitch
MSQH__0A7-0N 2÷3 poles, 7.62 mm / .300" pitch