
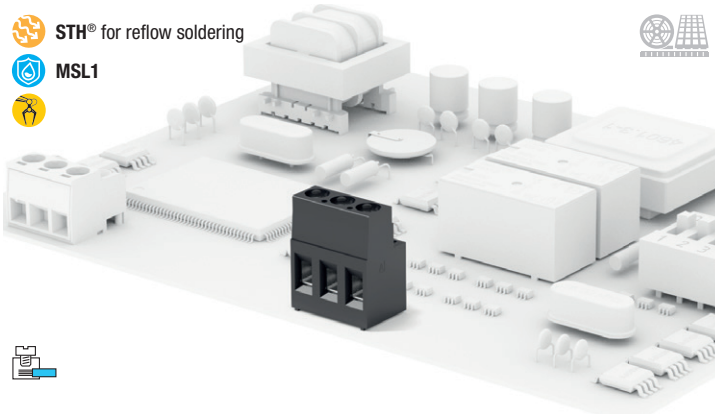


MSQH

 **STH®** for reflow soldering

 **MSL1**



Functional characteristics

Dimensional class:	high
Standard colour:	black
Pitches:	metric 7.5 mm, (.295 in) imperial 5.08 mm, 7.62 mm, (.200 in, .300 in), M3
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
Insulation resistance:	>10 ⁹ Ω (500V DC)
Insulating material group:	I (CTI ≥ 600V)

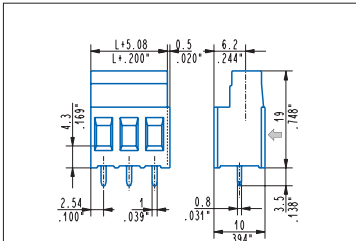
Data according to

UL 1059

300 V - 24 A (factory wiring), 20 A (field wiring) - 30÷12 AWG - 7 lbf-in 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 - 7 lbf-in for 10 mm and 10.16 mm pitch

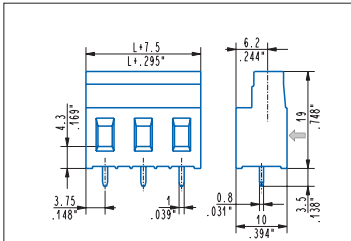
IEC EN 60947-7-4

250 V - T 110 - 32 A - 4 mm² solid (24 A - 2.5 mm² stranded) for 5 mm and 5.08 mm pitch
750 V - T 110 - 32 A - 4 mm² solid (24 A - 2.5 mm² stranded) for 7.5 mm, 7.62 mm, 10 mm and 10.16 mm pit



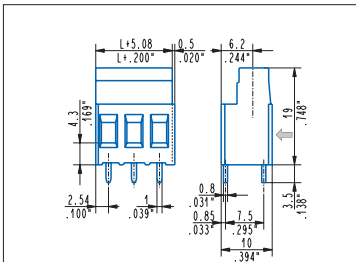
Straight, modular

MSQH_0M5-ON 2÷4 poles, 5.08 mm / .200" pitch
MSQH_0M7-ON 2÷3 poles, 7.62 mm / .300" pitch



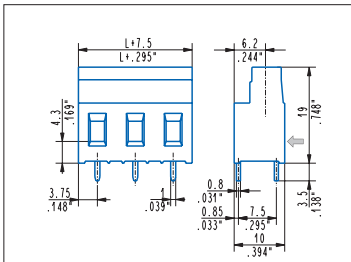
Straight, side stackable

MSQH_0A3-ON 2÷12 poles, 7.5 mm / .295" pitch
MSQH_0A5-ON 2÷4 poles, 5.08 mm / .200" pitch
MSQH_0A7-ON 2÷3 poles, 7.62 mm / .300" pitch



Straight, modular, double pin

MSQH_DM5-ON 2÷4 poles, 5.08 mm / .200" pitch
MSQH_DM7-ON 2÷3 poles, 7.62 mm / .300" pitch



Straight, side stackable, double pin

MSQH_DA3-ON 2÷12 poles, 7.5 mm / .295" pitch
MSQH_DA5-ON 2÷4 poles, 5.08 mm / .200" pitch
MSQH_DA7-ON 2÷3 poles, 7.62 mm / .300" pitch