

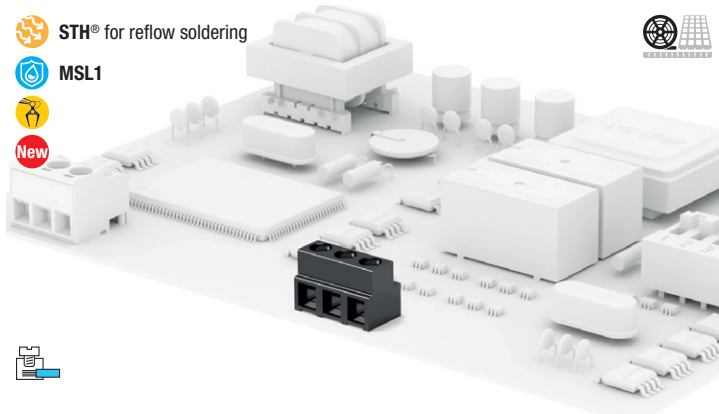
MSBD SMD TECHNOLOGY

STH® for reflow soldering

MSL1

New

New



General data

Dimensional class:	low
Standard colour:	black
Pitches:	metric 5 mm, 10 mm (.197 in, .394 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 for peg:	1.3 mm (.055 in)
Stripping length	5 ÷ 6 mm (.197 ÷ .24 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. pending)

300 V - 13.5 A (*), 10 A (**) - 30÷16 AWG - 6 lbf-in for 5 mm pitch

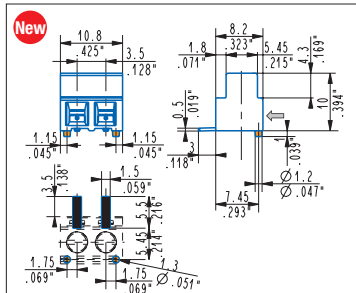
600 V - 13.5 A (*), 10 A (**) - 30÷16 AWG - 6 lbf-in for 10 mm pitch

*factory wiring - **field wiring

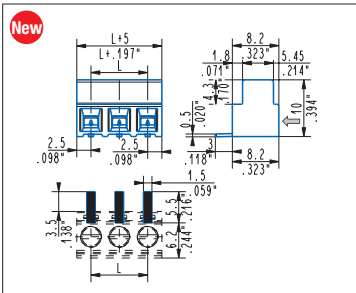
IEC EN 60947-7-4

250 V - T 110 - 17.5 A - 1.5 mm² solid (13.5 A - 1 mm² stranded) for 5 mm pitch

750 V - T 110 - 17.5 A - 1.5 mm² solid (13.5 A - 1 mm² stranded) for 10 mm pitch

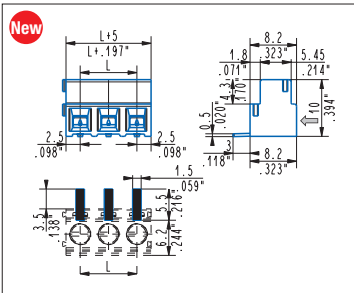


Straight, pegs SMD TECHNOLOGY
MSBD02LP1-ON 2 poles, 5 mm / .197" pitch



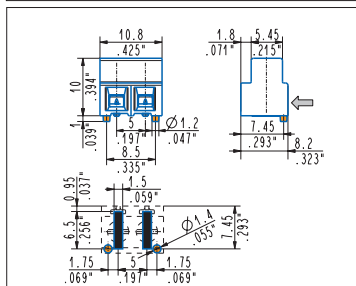
Side stackable SMD TECHNOLOGY
MSBD_LA1-ON 3 ÷ 12 poles, 5 mm / .197" pitch
MSBD_LA2-ON 2 ÷ 6 poles, 10 mm / .394" pitch

Available with fixing and positioning pegs

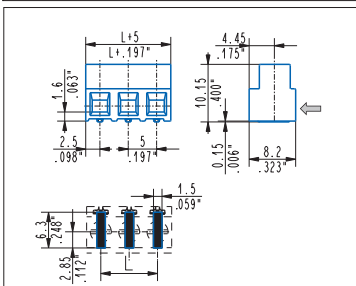


Modular SMD TECHNOLOGY
MSBD_LM1-ON 3 ÷ 12 poles, 5 mm / .197" pitch
MSBD_LM2-ON 1 ÷ 6 poles, 10 mm / .394" pitch

Available with fixing and positioning pegs



Straight, pegs SMD TECHNOLOGY
MSBD02001-ON 2 poles, 5 mm / .197" pitch



Side stackable SMD TECHNOLOGY
MSBD_001-ON 3 ÷ 12 poles, 5 mm / .197" pitch
MSBD_002-ON 2 ÷ 6 poles, 10 mm / .394" pitch