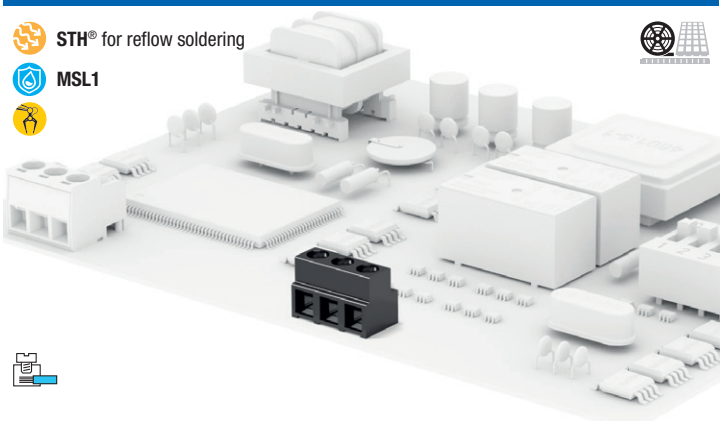
MSBH

STH® for reflow soldering

MSL1



General data

Dimensional class:	low
Standard colour:	black
Pitches:	metric 5 mm, 10 mm (.197 in, .394 in) imperial 5.08 mm, 10.16 mm (.200 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:	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

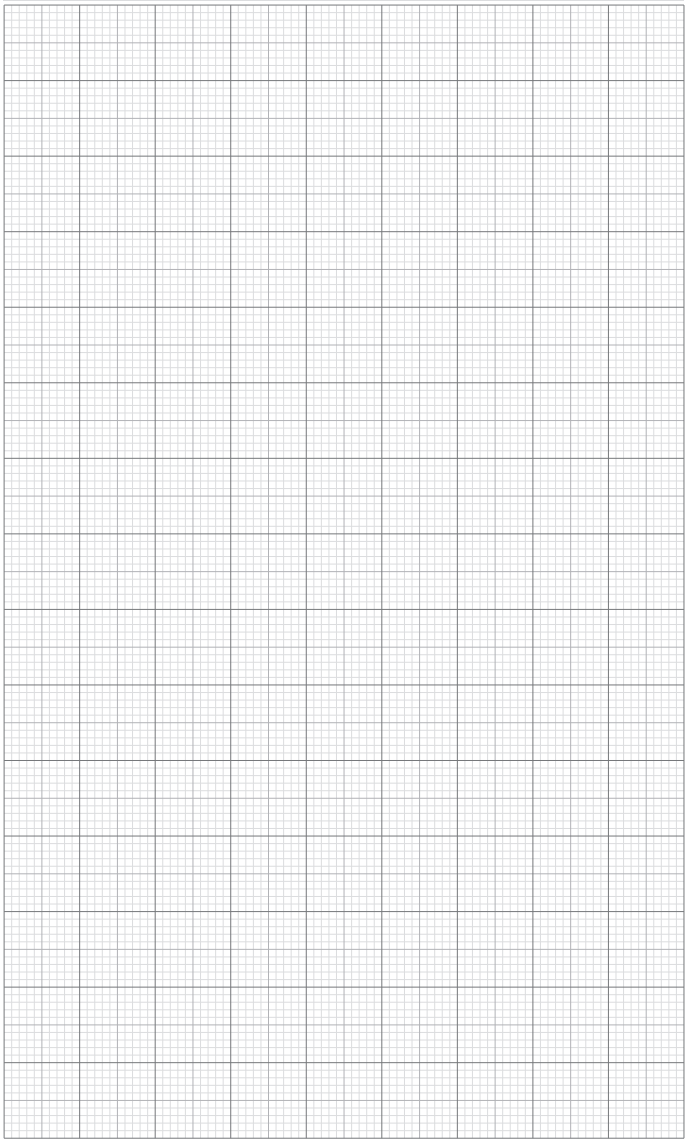
UL (n. E167473)
300 V - 13.5 A (*), 10 A (**) - 30÷16 AWG - 6 lbf·in for 5 mm, 5.08 mm pitch
600 V - 13.5 A (*), 10 A (**) - 30÷16 AWG - 6 lbf·in for 10 mm and 10.16 mm pitch
*factory wiring - **field wiring

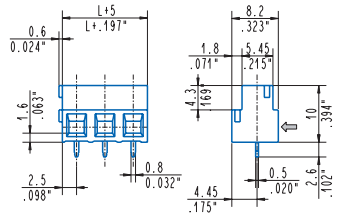
Data according to

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 and 5.08 mm pitch
750 V - T 110 - 17.5 A - 1.5 mm² solid (13.5 A - 1 mm² stranded) for 10 mm and 10.16 mm pitch

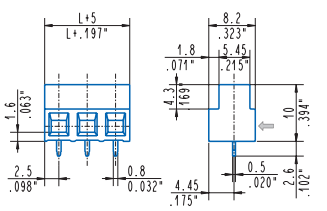
Application values for end-use equipment have to be in accordance to norms and applicable to it. The certifications of some product's versions could be pending, for more detailed and updated data please refer to our web site **www.sauro.net** or your representative Sales Manager

Your drawings and notes

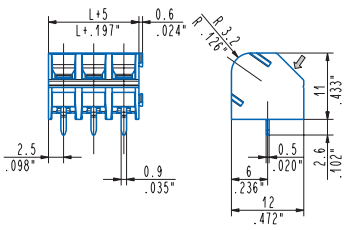




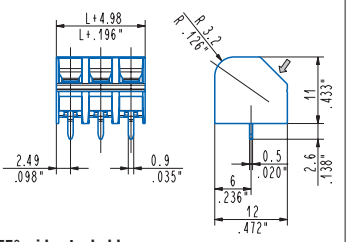
Straight, modular
MSBH__0M1-0N 2 ÷ 12 poles, 5 mm .197" pitch
MSBH__0M2-0N 1 ÷ 6 poles, 10 mm .394" pitch



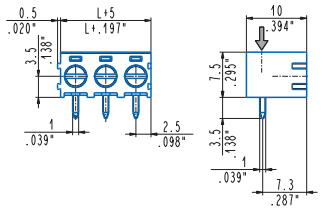
Straight, side stackable
MSBH__001-0N 2 ÷ 12 poles, 5 mm .197" pitch
MSBH__002-0N 2 ÷ 6 poles, 10 mm .394" pitch
MSBH__005-0N 2 ÷ 5 poles, 5.08 mm/.200" pitch
MSBH__006-0N 2 ÷ 3 poles, 10.16 mm/.400" pitch



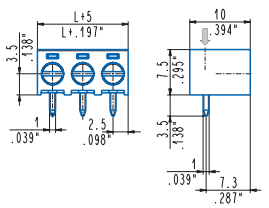
55°, modular
MSBH__041-0N 2÷5 poles, 5 mm / .197" pitch
MSBH__042-0N 1÷3 poles, 10 mm / .394" pitch
MSBH__045-0N 2÷16 poles, 5.08 mm / .200" pitch
MSBH__046-0N 1÷8 poles, 10.16 mm / .400" pitch



55°, side stackable
MSBH__061-0N 2÷5 poles, 5 mm / .197" pitch
MSBH__062-0N 2÷3 poles, 10 mm / .394" pitch
MSBH__065-0N 2÷16 poles, 5.08 mm / .200" pitch
MSBH__066-0N 2÷8 poles, 10.16 mm / .400" pitch



90° "T" version, modular
MSBH__T01-0N 2÷25 poles, 5 mm / .197" pitch
MSBH__T02-0N 1÷13 poles, 10 mm / .394" pitch
MSBH__T05-0N 2÷8 poles, 5.08 mm / .200" pitch
MSBH__T06-0N 1÷4 poles, 10.16 mm / .400" pitch



90° "T" version, side stackable
MSBH__TA1-0N 2÷25 poles, 5 mm / .197" pitch
MSBH__TA2-0N 2÷13 poles, 10 mm / .394" pitch
MSBH__TA5-0N 2÷8 poles, 5.08 mm / .200" pitch
MSBH__TA6-0N 2÷4 poles, 10.16 mm / .400" pitch

L = pitch x (poles - 1)

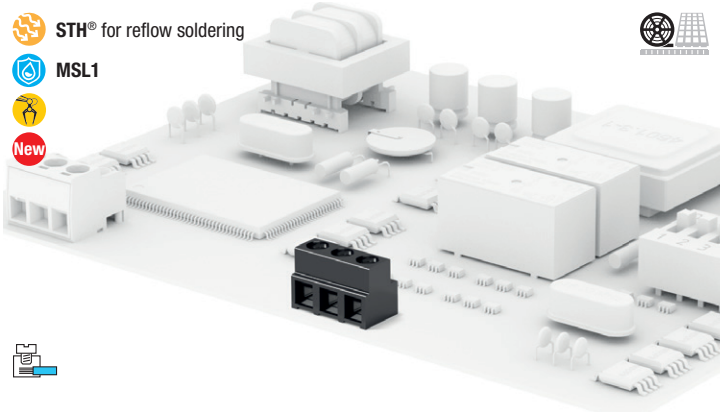
The drawing refers to only a pitch, please see our complete range of products by visiting our website on **www.sauro.net** or refering to your representative Sales Manager

MSBD SMD TECHNOLOGY

STH® for reflow soldering

MSL1

New



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*factory wiring - **field wiring

IEC EN 60947-7-4

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

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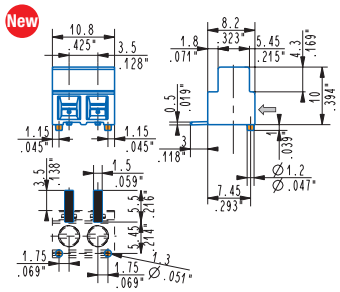
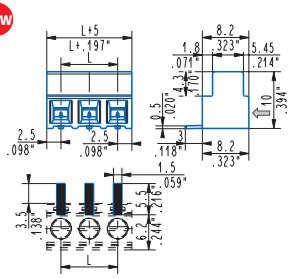
Your drawings and notes

New



Straight, pegs SMD TECHNOLOGY
MSBD02LP1-0N 2 poles, 5 mm / .197" pitch

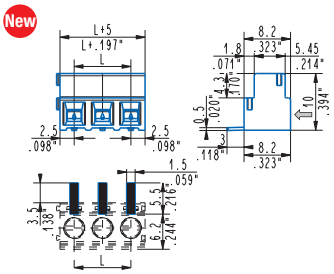
New



Side stackable SMD TECHNOLOGY
MSBD__LA1-0N 3 ÷ 12 poles, 5 mm / .197" pitch
MSBD__LA2-0N 2 ÷ 6 poles, 10 mm / .394" pitch

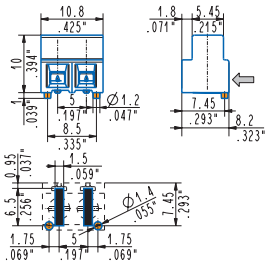
Available with fixing and positioning pegs

New

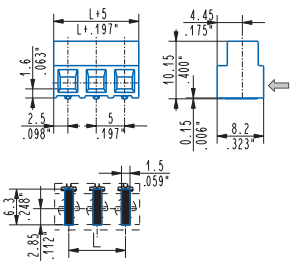


Modular SMD TECHNOLOGY
MSBD__LM1-0N 3 ÷ 12 poles, 5 mm / .197" pitch
MSBD__LM2-0N 1 ÷ 6 poles, 10 mm / .394" pitch

Available with fixing and positioning pegs



Straight, pegs SMD TECHNOLOGY
MSBD02001-0N 2 poles, 5 mm / .197" pitch



Side stackable SMD TECHNOLOGY
MSBD__001-0N 3 ÷ 12 poles, 5 mm / .197" pitch
MSBD__002-0N 2 ÷ 6 poles, 10 mm / .394" pitch