# **MTBH**

# MTBD SMD TECHNOLOGY

# Terminal blocks A





### General data

**Dimensional class:** low Standard colour: black

Pitches: metric 3.5 mm, 7 mm (.138 in, .275 in) imperial 3.81 mm, 7.62 mm (.150 in, .300 in)

Screw dimension:

Recommended/highest tightening torque: 0.2/0.25 Nm (1.77/2.21 lbf·in) PCB thickness: max. 2.4 mm (.094 in) PCB hole diameter for pin: min. 1.2 mm (.047 in) PCB hole diameter for peg: 1.4 mm (.055 in) Stripping length: 5÷6 mm (.197 in)

Operating temp. range: -40 °C ÷ +130 °C (-40 °F ÷ +266 °F)

Contact resistance: <15 mΩ  $>10^{9} \Omega$  (500V DC) Insulation resistance:  $I(CTI \ge 600V)$ Insulating material group:

## Certifications

#### UL (n. pending)

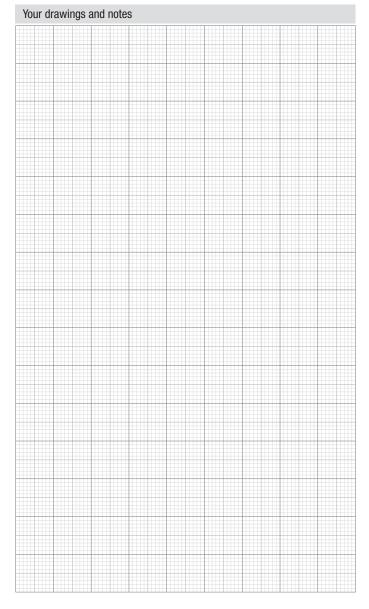
300 V - 12 A - 28÷16 AWG - 2.7 lbf·in

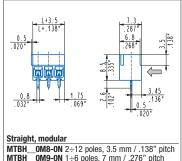
#### Data according to

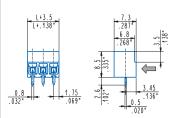
#### IEC EN 60947-7-4

160 V - 12 A - 1.5 mm<sup>2</sup> for 3.5 mm and 3.81 mm pitch 750 V - 12 A - 1.5 mm<sup>2</sup> for 7 mm and 7.62 mm pitch

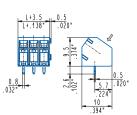
Application values for end-use equipment have to be in accordance to norms and applicable to it. The certifications of some product's versions could be pending, for more detailed and updated data please refer to our web site **www.sauro.net** or your representative Sales Manager

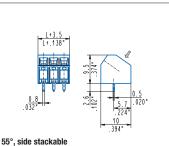












MTBH\_OM8-ON 2÷12 poles, 3.5 mm / .138" pitch MTBH\_OM9-ON 1÷6 poles, 7 mm / .276" pitch MTBH\_OMT-ON 2÷12 poles, 3.81 mm / .150" pitch MTBH\_OM7-ON 1÷6 poles, 7.62 mm / .300" pitch

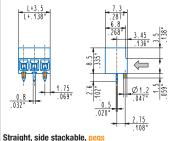
Straight, side stackable

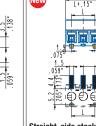
MTBH\_008-0N 2÷12 poles, 3.5 mm / .138" pitch
MTBH\_009-0N 2÷6 poles, 7 mm / .276" pitch
MTBH\_00T-0N 2÷12 poles, 3.81 mm / .150" pitch
MTBH\_00T-0N 2÷6 poles, 7.62 mm / .300" pitch

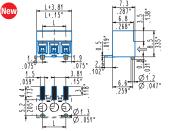
55°, modular

MTBH\_\_048-0N 2 ÷ 10 poles, 3.5 mm / .138" pitch MTBH\_\_049-0N 1 ÷ 5 poles, 7 mm / .276" pitch

MTBH\_\_068-0N 2 ÷10 poles, 3.5 mm / .138" pitch MTBH\_\_069-0N 2 ÷ 5 poles, 7 mm / .276" pitch







MTBH\_\_008-0N00P 2÷12 poles, 3.5 mm .138" pitch MTBH 009-0N00P 2÷6 poles, 7 mm .276" pitch MTBH 00T-0N00P 2÷12 poles, 3.81 mm .150" pitch MTBH 007-0N00P 2÷6 poles, 7.62 mm .300" pitch

Straight, side stackable, pegs SMD TECHNOLOGY
MTBD \_0A8-0N \_ P 2÷12 poles, 3.5 mm .138" pitch
MTBD \_0A9-0N \_ P 2÷6 poles, 7 mm .276" pitch
MTBD \_0A7-0N \_ P 2÷12 poles, 3.81 mm .150" pitch MTBD\_\_0A7-0N\_\_P 2÷6 poles, 7.62 mm .300" pitch

\*Fixing and positioning pegs