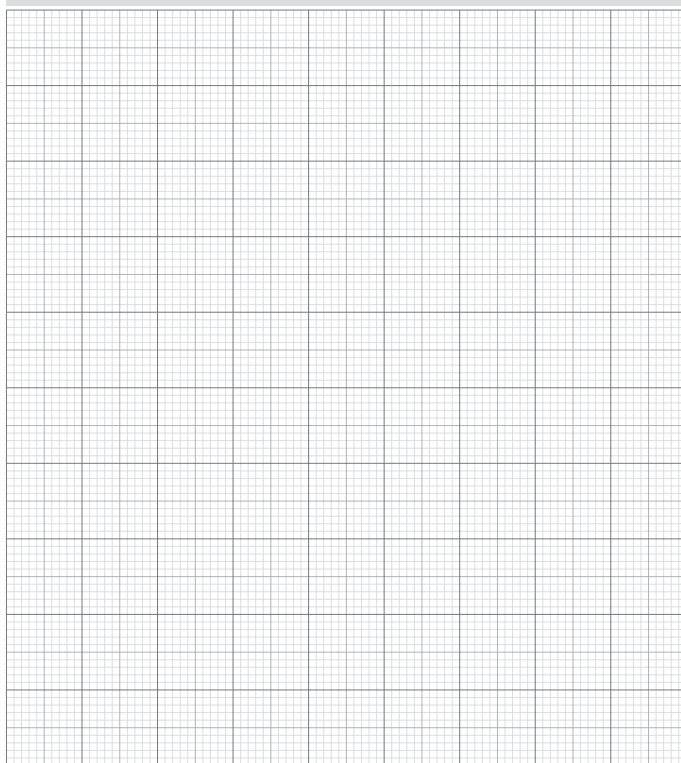


 Traditional for wave soldering

 **STH®** for reflow soldering

 **MSL1**


Your drawings and notes



General data

Dimensional class:	high
Standard colour:	green for wave soldering, black for reflow soldering
Pitches:	imperial 6.35, 7.62, 9.52, 12.7 (.250, .300, .375, .500 in)
Screw dimension:	M3.5
Recommended/highest tightening torque:	0.8/1 Nm (7/8.85 lbf-in)
PCB thickness:	max. 4 mm (.157 in)
PCB hole diameter:	min. 1.4 mm (.055 in)
Stripping length:	7 ÷ 8 mm (.28 ÷ .31 in)
Operating temperature range:	-40 °C ÷ +105 °C (-40 °F ÷ +221 °F)
STH 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 - 30 A - 30÷10 AWG - 7 lbf-in for 6.35 mm 7.62 mm 9.52 mm pitch

600 V - 30 A - 30÷10 AWG - 7 lbf-in for 12.7 mm pitch

For low ampere rating version

300 V - 24 A - 30÷10 AWG - 7 lbf-in for 6.35 mm 7.62 mm pitch

600 V - 24 A - 30÷10 AWG - 7 lbf-in for 9.52 mm 12.7 mm pitch

VDE (n. 40021758)

450 V - T 110 - 32 A - 4 mm² for 6.35 mm pitch750 V - T 110 - 32 A - 4 mm² for 9.52 mm pitch

IMQ (n. CA02.00899) for traditional product

450 V - T 110 - 41 A - 6 mm² solid (32 A - 4 mm² stranded) for 6.35 mm pitch750 V - T 110 - 41 A - 6 mm² solid (32 A - 4 mm² stranded) for 9.52 mm pitch

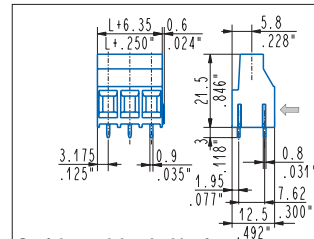
CSA (n. LR102896) for traditional product

300 V - 32 A - 30÷10 AWG for 6.35 mm pitch

600 V - 32 A - 30÷10 AWG for 9.52 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

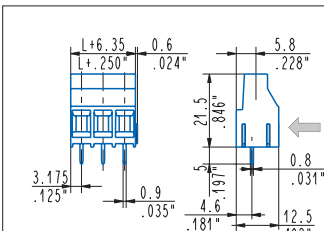
Distributed by:



Straight, modular, double pin

MSP_DMS - 2÷5 poles, 6.35 mm / .250" pitch**MSP_DM7** - 2÷3 poles, 7.62 mm / .300" pitch**MSP_DMN** - 2÷3 poles, 9.52 mm / .375" pitch**MSP_DMU** - 1÷3 poles, 12.7 mm / .500" pitch**MSPH_DMS-ON** 2÷5 poles, 6.35 mm / .250" pitch**MSPH_DM7-ON** 2÷3 poles, 7.62 mm / .300" pitch**MSPH_DMN-ON** 2÷3 poles, 9.52 mm / .375" pitch

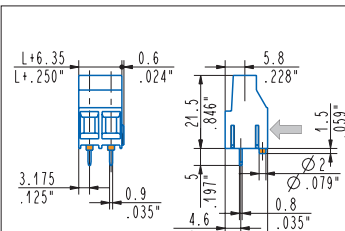
max 5 poles can be combined



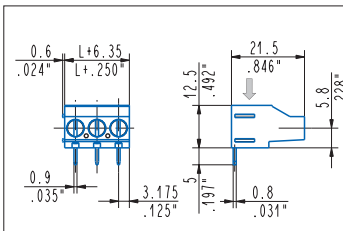
Straight, modular

MSP_00S - 2÷5 poles, 6.35 mm / .250" pitch**MSP_007** - 2÷3 poles, 7.62 mm / .300" pitch**MSP_00N** - 2÷3 poles, 9.52 mm / .375" pitch**MSP_00U** - 1÷3 poles, 12.7 mm / .500" pitch**MSPH_00S-ON** 2÷5 poles, 6.35 mm / .250" pitch**MSPH_007-ON** 2÷3 poles, 7.62 mm / .300" pitch**MSPH_00N-ON** 2÷3 poles, 9.52 mm / .375" pitch

max 5 poles can be combined



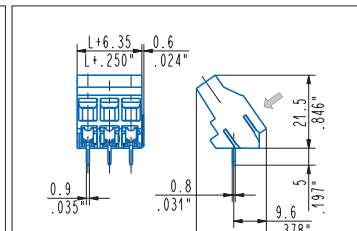
Straight, modular, pegs

MSP_00S-0000P 2÷5 poles, 6.35 mm .250" pitch**MSP_007-0000P** 2÷3 poles, 7.62 mm .300" pitch**MSP_00N-0000P** 2÷3 poles, 9.52 mm .375" pitch**MSP_00U-0000P** 1÷3 poles, 12.7 mm .500" pitch

90°, modular

MSP_09S - 2÷5 poles, 6.35 mm / .250" pitch**MSP_097** - 2÷3 poles, 7.62 mm / .300" pitch**MSP_09N** - 2÷3 poles, 9.52 mm / .375" pitch**MSP_09U** - 1÷3 poles, 12.7 mm / .500" pitch**MSPH_09S-ON** 2÷5 poles, 6.35 mm / .250" pitch**MSPH_097-ON** 2÷3 poles, 7.62 mm / .300" pitch**MSPH_09N-ON** 2÷3 poles, 9.52 mm / .375" pitch

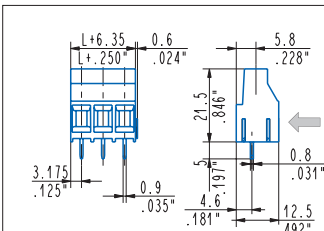
max 5 poles can be combined



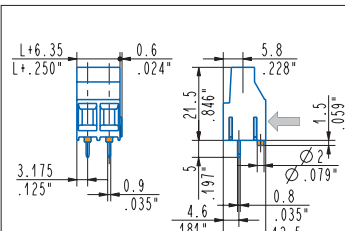
35°, modular

MSP_04S - 2÷3 poles, 6.35 mm / .250" pitch**MSP_04N** - 2÷3 poles, 9.52 mm / .375" pitch**MSP_04U** - 1÷3 poles, 12.7 mm / .500" pitch**MSPH_04S-ON** - 2÷3 poles, 6.35 mm / .250" pitch**MSPH_04N-ON** - 2÷3 poles, 9.52 mm / .375" pitch

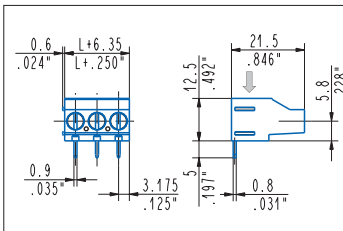
max 5 poles can be combined



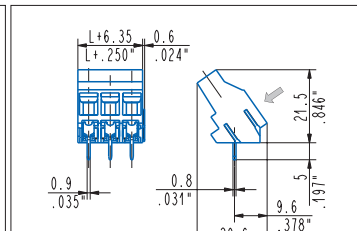
Straight, modular, low ampere rating

MSP_00S-000E 2÷5 poles, 6.35 mm .250" pitch**MSP_007-000E** 2÷3 poles, 7.62 mm .300" pitch**MSP_00N-000E** 2÷3 poles, 9.52 mm .375" pitch**MSP_00U-000E** 1÷3 poles, 12.7 mm .500" pitch

Straight, modular, low ampere rating, pegs

MSP_00S-000EP 2÷5 poles, 6.35 mm .250" pitch**MSP_007-000EP** 2÷3 poles, 7.62 mm .300" pitch**MSP_00N-000EP** 2÷3 poles, 9.52 mm .375" pitch**MSP_00U-000EP** 1÷3 poles, 12.7 mm .500" pitch

90°, modular, low ampere rating

MSP_09S-000E 2÷5 poles, 6.35 mm .250" pitch**MSP_097-000E** 2÷3 poles, 7.62 mm .300" pitch**MSP_09N-000E** 2÷3 poles, 9.52 mm .375" pitch**MSP_09U-000E** 1÷3 poles, 12.7 mm .500" pitch

35°, modular, low ampere rating

MSP_04S-000E 2÷3 poles, 6.35 mm / .250" pitch**MSP_04N-000E** 2÷3 poles, 9.52 mm / .375" pitch**MSP_04U-000E** 1÷2 poles, 12.7 mm / .500" pitch

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