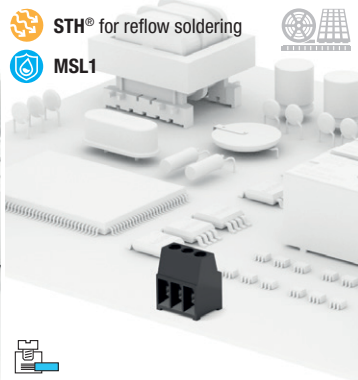
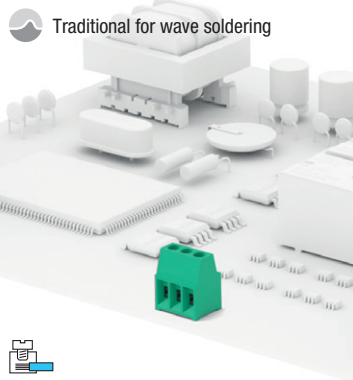




## General data

|                                               |                                                      |
|-----------------------------------------------|------------------------------------------------------|
| <b>Dimensional class:</b>                     | low                                                  |
| <b>Standard colour:</b>                       | green for wave soldering, black for reflow soldering |
| <b>Pitches:</b>                               | imperial 2.54 mm, 5.08 mm (.100 in, .200 in)         |
| <b>Screw dimension:</b>                       | M1.6                                                 |
| <b>Recommended/highest tightening torque:</b> | 0.1/0.15 Nm (0.88/1.33 lbf-in)                       |
| <b>PCB thickness:</b>                         | max. 2.4 mm (.094 in)                                |
| <b>PCB hole diameter:</b>                     | min. 1.1 mm (.043 in)                                |
| <b>Stripping length:</b>                      | 4 ÷ 5 mm (.16 ÷ .197 in)                             |
| <b>Operating temp. range:</b>                 | -40 °C ÷ +105 °C (-40 °F ÷ +221 °F)                  |
| <b>STH operating temp. range:</b>             | -40 °C ÷ +105 °C (-40 °F ÷ +221 °F)                  |
| <b>Contact resistance:</b>                    | <15 mΩ                                               |
| <b>Insulation resistance:</b>                 | >10 <sup>9</sup> Ω (500V DC)                         |
| <b>Insulating material group:</b>             | I (CTI ≥ 600V)                                       |

## Certifications

**UL (n. E167473)**

150 V - 10 A - 30÷16 AWG - 1.73 lbf-in for 2.54 mm pitch  
300 V - 10 A - 30÷16 AWG - 1.73 lbf-in for 5.08 mm pitch

**VDE (n. 40022747)**

125 V - 6 A - T 110 - 0.5 mm<sup>2</sup> for 2.54 mm pitch  
250 V - 6 A - T 110 - 0.5 mm<sup>2</sup> for 5.08 mm pitch

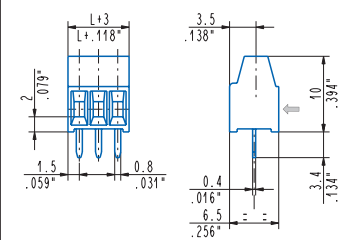
## IMQ (n, CA02,00145)

250 V - T 110 - 12 A - 1 mm<sup>2</sup> solid (6 A - 0.5 mm<sup>2</sup> stranded) for 5.08 mm pitch

## CSA (n. LR102896)

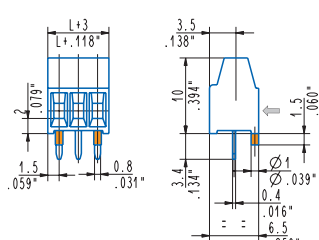
150 V - 10 A - 30÷16 AWG for 2.54 mm pitch  
300 V - 10 A - 30÷16 AWG for 5.08 mm pitch

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](http://www.sauro.net)** or your representative Sales Manager



## Straight

**MSD\_004** 2 ÷ 12 poles, 2.54 mm / .100" pitch  
**MSD\_005** 2 ÷ 6 poles, 5.08 mm / .200" pitch  
**MSDH\_004-ON** 2÷12 poles, 2.54 mm / .100" pitch  
**MSDH\_005-ON** 2÷6 poles, 5.08 mm / .200" pitch



## Straight, pegs

|                       |                                 |
|-----------------------|---------------------------------|
| <b>MSD_004-0000P</b>  | 2÷12 poles, 2.54 mm .100" pitch |
| <b>MSD_005-0000P</b>  | 2÷6 poles, 5.08 mm .200" pitch  |
| <b>MSDH_004-0N00P</b> | 2÷12 poles, 2.54 mm .100" pitch |
| <b>MSDH_005-0N00P</b> | 2÷6 poles, 5.08 mm .200" pitch  |

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## The Netherlands



Elektrostraat 17  
NL-7483 PG Haaksbergen

T: +31 (0)53 573 33 33  
F: +31 (0)53 573 33 30  
E: [nl@texim-europe.com](mailto:nl@texim-europe.com)

## Belgium



Zuiderlaan 14 bus 10  
B-1731 Zellik

T: +32 (0)2 462 01 00  
F: +32 (0)2 462 01 25  
E: [belgium@texim-europe.com](mailto:belgium@texim-europe.com)

## UK & Ireland



St. Mary's House, Church Lane  
Carlton Le Moorland  
Lincoln LN5 9HS

T: +44 (0)1522 789 555  
F: +44 (0)845 299 22 26  
E: [uk@texim-europe.com](mailto:uk@texim-europe.com)

## Germany North



Bahnhofstrasse 92  
D-25451 Quickborn

T: +49 (0)4106 627 07-0  
F: +49 (0)4106 627 07-20  
E: [germany@texim-europe.com](mailto:germany@texim-europe.com)

## Germany South



Martin-Kollar-Strasse 9  
D-81829 München

T: +49 (0)89 436 086-0  
F: +49 (0)89 436 086-19  
E: [germany@texim-europe.com](mailto:germany@texim-europe.com)

## Austria



Warwitzstrasse 9  
A-5020 Salzburg

T: +43 (0)662 216 026  
F: +43 (0)662 216 026-66  
E: [austria@texim-europe.com](mailto:austria@texim-europe.com)

## Nordic region



Sdr. Jagtvej 12  
DK-2970 Hørsholm

T: +45 88 20 26 30  
F: +45 88 20 26 39  
E: [nordic@texim-europe.com](mailto:nordic@texim-europe.com)

## Italy



Via Matteotti 43  
IT-20864 Agrate Brianza (MB)

T: +39 (0)39 971 3293  
F: +39 (0)39 971 3293  
E: [italy@texim-europe.com](mailto:italy@texim-europe.com)

## General information



[info@texim-europe.com](mailto:info@texim-europe.com)  
[www.texim-europe.com](http://www.texim-europe.com)