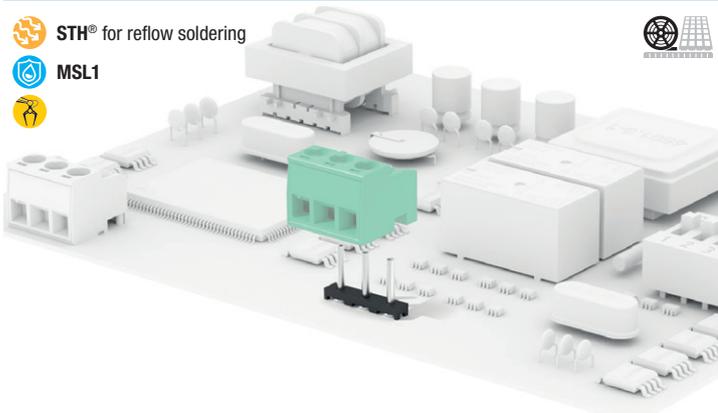


### CSMD SMD TECHNOLOGY

 **STH®** for reflow soldering

 **MSL1**



#### General data

|                                     |                                       |
|-------------------------------------|---------------------------------------|
| <b>Dimensional class:</b>           | low                                   |
| <b>Standard colour:</b>             | black                                 |
| <b>Pitches:</b>                     | metric 5 mm, 10 mm (.197 in, .394 in) |
| <b>PCB thickness:</b>               | max 2.4 mm (.094 in)                  |
| <b>Operating temperature range:</b> | -40 °C ÷ +110 °C (-40 °F ÷ +230 °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

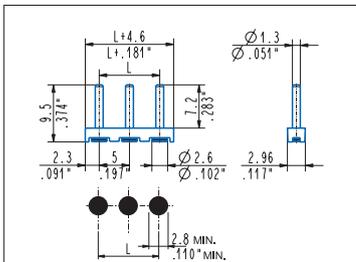
##### UL (n. E167473)

300 V - 12 A for 5 mm pitch  
600 V - 12 A for 10 mm pitch

#### Data according to

##### IEC EN61984

300 V - 11 A - 2.5 mm<sup>2</sup> - T110 - 4kV - III/2 for 5 mm pitch  
1000 V - 11 A - 2.5 mm<sup>2</sup> - T110 - 8kV - III/2 for 10 mm pitch



#### Straight, side stackable male

CSMD **0A1-ON** - (\*) poles, 5 mm / .197" pitch  
CSMD **0A2-ON** - 2 ÷ 4 poles, 10 mm / .394" pitch

\* 2,3,4,5,6,7,8,10

Usable with:

CXF

CSF

