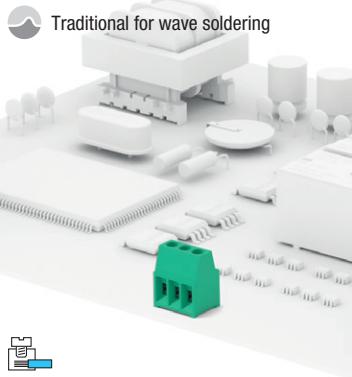
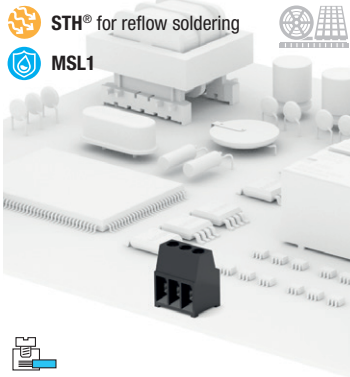


### MSD



### MSDH



#### 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)

130 V - T 110 - 12 A - 1 mm<sup>2</sup> solid (6 A - 0.5 mm<sup>2</sup> stranded) for 2.54 mm pitch  
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

