FEATUERES

The environment-friendly products do not contain cadmium and lead.

IMPORTANT NOTICE


TERMS

Rated Functioning Temperature (Tf)
The acceptable tolerance is +0 , -10°C except PSE. The one for PSE is ±7°C.

Holding Temperature (C-UL & CSA: Th, CCC: Tc)
The highest temperature of the thermal cutoff at which it will not open the circuit for 168 hours while passing rated current. (Applicable to CSA, C-UL and CCC)

Maximum Temperature Limit (Tm)
The highest temperature at which continuity does not occur for 10 minutes after the fusing off of the thermal cutoff.

UL, C-UL: E50082, CSA: LR57404, VDE: 923000-1171-0013
*1: Certified by CSA  *2: Maximum allowable normal use temperature

Cut-off temperature is measured with silicone oil bath of which temperature is increased at the rate of 1°C /min. Detecting current is 0.1A or less.

Th and Tc are for C-UL(CSA) and CCC respectively.

<table>
<thead>
<tr>
<th>Type</th>
<th>Rated Functioning Temperature (°C)</th>
<th>Cut-off Temperature (°C)</th>
<th>Th (°C)</th>
<th>Tc (°C)</th>
<th>Max. Use Temp. °C</th>
<th>Tm (°C)</th>
<th>Electrical Rating</th>
<th>UL</th>
<th>C-UL (CSA) *1</th>
<th>VDE</th>
<th>CCC</th>
</tr>
</thead>
<tbody>
<tr>
<td>X2E</td>
<td>108</td>
<td>104±3</td>
<td>87</td>
<td>79</td>
<td>200</td>
<td>3</td>
<td>2250</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>X22</td>
<td>115</td>
<td>112±3</td>
<td>89</td>
<td>89</td>
<td>200</td>
<td>3</td>
<td>2250</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>X2X</td>
<td>133</td>
<td>129±3</td>
<td>113</td>
<td>104</td>
<td>200</td>
<td>3</td>
<td>2250</td>
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<td></td>
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</tr>
</tbody>
</table>

Dimensions (mm)

<table>
<thead>
<tr>
<th>Lead length</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regular</td>
<td>55±3</td>
<td>8.5±0.5</td>
<td>6.6±0.5</td>
<td>2.5±0.3</td>
<td>0.7±0.05</td>
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<tr>
<td>Long</td>
<td>70±3</td>
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<td></td>
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</tbody>
</table>

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These details are based on specifications as of November, 2006
2006.11 (Ver.4)