1. Package summary

- **Terminal position code**: D (double)
- **Package type descriptive code**: SOD323
- **Package type industry code**: SOD323
- **Package style descriptive code**: SOD (small outline diode)
- **Package body material type**: P (plastic)
- **JEITA package outline code**: SC-76
- **Mounting method type**: S (surface mount)
- **Number of package outline detail graphic references**: 0
- **Issue date**: 16-3-2006
- **Manufacturer package code**: SOD323

### Table 1. Package summary

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Parameter</th>
<th>Min</th>
<th>Typ</th>
<th>Nom</th>
<th>Max</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>package length</td>
<td>1.6</td>
<td>-</td>
<td>1.7</td>
<td>1.8</td>
<td>mm</td>
</tr>
<tr>
<td>E</td>
<td>package width</td>
<td>1.15</td>
<td>-</td>
<td>1.25</td>
<td>1.35</td>
<td>mm</td>
</tr>
<tr>
<td>A</td>
<td>seated height</td>
<td>0.8</td>
<td>-</td>
<td>0.95</td>
<td>1.1</td>
<td>mm</td>
</tr>
<tr>
<td>e</td>
<td>nominal pitch</td>
<td>-</td>
<td>-</td>
<td>1.3</td>
<td>-</td>
<td>mm</td>
</tr>
<tr>
<td>$n_2$</td>
<td>actual quantity of termination</td>
<td>-</td>
<td>-</td>
<td>2</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>
2. Package outline

Plastic surface-mounted package; 2 leads

![Diagram of SOD323 package outline]

**DIMENSIONS (mm are the original dimensions)**

<table>
<thead>
<tr>
<th>UNIT</th>
<th>A</th>
<th>A1 max</th>
<th>b_p</th>
<th>c</th>
<th>D</th>
<th>E</th>
<th>H0</th>
<th>L_p</th>
<th>Q</th>
<th>v</th>
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</thead>
<tbody>
<tr>
<td>mm</td>
<td>1.1</td>
<td>0.8</td>
<td>0.25</td>
<td>0.10</td>
<td>1.6</td>
<td>1.35</td>
<td>2.7</td>
<td>0.15</td>
<td>0.25</td>
<td>0.2</td>
</tr>
</tbody>
</table>

**Note**

1. The marking bar indicates the cathode.

**REFERENCES**

- IEC
- JEDEC
- JEITA

- **OUTLINE VERSION**
- **SC-76**

**EUROPEAN PROJECTION**

- 03-12-17
- 06-03-16

Fig. 1. Package outline SOD323
3. Soldering

Fig. 2. Reflow soldering footprint for SOD323

Fig. 3. Wave soldering footprint for SOD323
4. Legal information

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