1. Package summary

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Min</th>
<th>Typ</th>
<th>Nom</th>
<th>Max</th>
<th>Unit</th>
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<tbody>
<tr>
<td>D package length</td>
<td>1.5</td>
<td>-</td>
<td>1.6</td>
<td>1.7</td>
<td>mm</td>
</tr>
<tr>
<td>E package width</td>
<td>1.1</td>
<td>-</td>
<td>1.2</td>
<td>1.3</td>
<td>mm</td>
</tr>
<tr>
<td>A seated height</td>
<td>0.5</td>
<td>-</td>
<td>0.55</td>
<td>0.6</td>
<td>mm</td>
</tr>
<tr>
<td>e nominal pitch</td>
<td>-</td>
<td>-</td>
<td>1</td>
<td>-</td>
<td>mm</td>
</tr>
<tr>
<td>e₁ minimal pitch</td>
<td>-</td>
<td>-</td>
<td>0.5</td>
<td>-</td>
<td>mm</td>
</tr>
<tr>
<td>n₂ actual quantity of termination</td>
<td>-</td>
<td>-</td>
<td>6</td>
<td>-</td>
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2. Package outline

![Package outline diagram]

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

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<tr>
<th>UNIT</th>
<th>A</th>
<th>b_p</th>
<th>c</th>
<th>D</th>
<th>E</th>
<th>e</th>
<th>e_t</th>
<th>H_E</th>
<th>L_p</th>
<th>w</th>
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<tr>
<td>mm</td>
<td>0.6</td>
<td>0.27</td>
<td>0.18</td>
<td>1.7</td>
<td>1.3</td>
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<td>0.5</td>
<td>1.7</td>
<td>0.3</td>
<td>0.1</td>
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<td>0.5</td>
<td>0.17</td>
<td>0.08</td>
<td>1.5</td>
<td>1.1</td>
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<td>0.5</td>
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**REFERENCES**

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<td>SOT666</td>
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**EUROPEAN PROJECTION**

- 04-11-08
- 06-03-16

**Fig. 1. Package outline SOT666**
3. Soldering

Fig. 2. Reflow soldering footprint for SOT666
4. Legal information

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