SOT815-1
plastic, leadless dual in-line compatible thermal enhanced very thin quad flat package; 24 terminals; 0.5 mm pitch; 5.5 mm x 3.5 mm x 1 mm body

14 November 2018

Package information

1. Package summary

<table>
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<tr>
<th>Symbol</th>
<th>Parameter</th>
<th>Min</th>
<th>Typ</th>
<th>Nom</th>
<th>Max</th>
<th>Unit</th>
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<td>-</td>
<td>5.5</td>
<td>5.6</td>
<td>mm</td>
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<tr>
<td>E</td>
<td>package width</td>
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<td>-</td>
<td>3.5</td>
<td>3.6</td>
<td>mm</td>
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<tr>
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<td>mm</td>
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<tr>
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<td>package height</td>
<td>-</td>
<td>-</td>
<td>0.85</td>
<td>-</td>
<td>mm</td>
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<tr>
<td>e</td>
<td>nominal pitch</td>
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<td>-</td>
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<td>mm</td>
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<tr>
<td>n₂</td>
<td>actual quantity of termination</td>
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<td>-</td>
<td>24</td>
<td>-</td>
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IEC package outline code: ---
JEDEC package outline code: ---
JEITA package outline code: ---
Mounting method type: S (surface mount)
Number of package outline detail graphic references: 0
Issue date: 29-4-2003
Manufacturer package code: SOT815
Footprint dimensions (mm): 5.5 x 3.5
Footprint area (mm²): 19.3

Table 1. Package summary
2. Package outline

DHVQFN24: plastic dual in-line compatible thermal enhanced very thin quad flat package; no leads; 24 terminals; body 3.5 x 5.5 x 0.85 mm

DIMENSIONS (mm are the original dimensions)

<table>
<thead>
<tr>
<th>UNIT</th>
<th>A₁ max.</th>
<th>A₁</th>
<th>b</th>
<th>c</th>
<th>D₁</th>
<th>Dₕ</th>
<th>E₁</th>
<th>e₁</th>
<th>e₂</th>
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<th>v</th>
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<td>2.25</td>
<td>1.95</td>
<td>0.5</td>
<td>4.5</td>
</tr>
</tbody>
</table>

Note
1. Plastic or metal protrusions of 0.075 mm maximum per side are not included.

Fig. 1. Package outline DHVQFN24 (SOT815-1)
3. Soldering

Footprint information for reflow soldering of DHVQFN24 package

Fig. 2. Reflow soldering footprint for DHVQFN24 (SOT815-1)
4. Legal information

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Contents

1. Package summary .......................................................... 1
2. Package outline ........................................................... 2
3. Soldering ..................................................................... 3
4. Legal information ......................................................... 4

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Date of release: 14 November 2018