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>2.05</td>
<td>-</td>
<td>2.1</td>
<td>2.15</td>
<td>mm</td>
</tr>
<tr>
<td>E</td>
<td>package width</td>
<td>1.2</td>
<td>-</td>
<td>1.25</td>
<td>1.3</td>
<td>mm</td>
</tr>
<tr>
<td>A</td>
<td>seated height</td>
<td>0.3</td>
<td>-</td>
<td>0.35</td>
<td>0.4</td>
<td>mm</td>
</tr>
<tr>
<td>e</td>
<td>nominal pitch</td>
<td>-</td>
<td>-</td>
<td>0.4</td>
<td>-</td>
<td>mm</td>
</tr>
<tr>
<td>(n_2)</td>
<td>actual quantity of termination</td>
<td>-</td>
<td>-</td>
<td>12</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

### Table 1. Package summary

- **Package information**
  - SOT1408-1 plastic, super thin quad flat package; no leads; 12 terminals; body 2.10 x 1.25 x 0.35 mm
  - 8 February 2016

- **Terminal position code**
  - D (double)

- **Package type descriptive code**
  - SOT1408

- **Package type industry code**
  - X2QFN12

- **Package style descriptive code**
  - QFP (quad flat package)

- **Package style suffix code**
  - NA (not applicable)

- **Package body material type**
  - P (plastic)

- **JEDEC package outline code**
  - MO-255

- **Mounting method type**
  - S (surface mount)

- **Issue date**
  - 19-1-2015
2. Package outline

X2QFN12: plastic, super thin quad flat package; no leads; 12 terminals; body 2.10 x 1.25 x 0.35 mm

Dimensions (mm are the original dimensions)

<table>
<thead>
<tr>
<th>Unit</th>
<th>A</th>
<th>A₁</th>
<th>b</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>e₁</th>
<th>L</th>
<th>v</th>
<th>w</th>
<th>y</th>
<th>y₁</th>
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</thead>
<tbody>
<tr>
<td>max</td>
<td>0.40</td>
<td>0.05</td>
<td>0.25</td>
<td>1.30</td>
<td>2.15</td>
<td></td>
<td></td>
<td>0.35</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>nom</td>
<td>0.35</td>
<td>0.02</td>
<td>0.20</td>
<td>0.10</td>
<td>1.25</td>
<td>2.10</td>
<td>0.4</td>
<td>0.30</td>
<td>0.07</td>
<td>0.05</td>
<td>0.08</td>
<td>0.1</td>
</tr>
<tr>
<td>min</td>
<td>0.30</td>
<td>0.00</td>
<td>0.15</td>
<td>1.20</td>
<td>2.05</td>
<td>0.25</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Outline version

<table>
<thead>
<tr>
<th>SOT1408-1</th>
<th>IEC</th>
<th>JEDEC</th>
<th>JEITA</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>MO-255</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Fig. 1. Package outline X2QFN12 (SOT1408-1)
3. Legal information

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plastic, super thin quad flat package; no leads; 12 terminals; body 2.10 x 1.25 x 0.35 mm

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