Oscillator JO53 · 3.0 V
- SMD Oscillator with Stop Function • 5.0 x 3.2 mm
- LVCMOS / HCMOS compatible output
- Low phase jitter, no PLL
- Seam sealed ceramic/metal package

Example: O 20.0-JO53-B-3.0-1-T1-LF *(Suffix LF = RoHS compliant / Pb free)*
Oscillator JO53 · 3.0 V · Stop Function

**Taping Specification**

- 500 pcs per reel
- Direction of feed

**Packaging Note**
- Standard packing unit is 500 pieces per reel
- Non-multiple packing units are only supplied taped / bulk

**Enable / Disable Function**

<table>
<thead>
<tr>
<th>pin #1 (e/d control)</th>
<th>pin #3 (output)</th>
</tr>
</thead>
<tbody>
<tr>
<td>open</td>
<td>active</td>
</tr>
<tr>
<td>high &quot;1&quot; (Vhi ≥ 0.8 Vdc)</td>
<td>active</td>
</tr>
<tr>
<td>low &quot;0&quot; (Vlo ≤ 0.2 Vdc)</td>
<td>high impedance</td>
</tr>
</tbody>
</table>

**Stop function:**
- Oscillator stops
- Output high impedance

**Reflow Soldering Profile**

- Temperature (°C):
  - 260 °C max.
  - 220 ±5 °C
  - 180 ±5 °C
- Time (s):
  - 60 ~ 180 s
  - 60 s max.
  - 10 s max.

**Marking**

Frequency company stability code / Voltage data code

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>A</td>
</tr>
<tr>
<td>G</td>
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</tbody>
</table>

**Note:** parts are also suitable for soldering systems with lead (Pb) content