**ULTRA HIGH PERFORMANCE OCXO WITH LOW G-SENSITIVITY MV272M**

**Features:**
- Standard frequencies: 5.0 Mhz and 10.0 MHz
- Ultra low phase noise
- High stability vs. temperature: up to ±1x10⁻⁹
- High long term stability: up to ±1x10⁻⁹/year
- Oscillation ON/OFF function
- Low G-sensitivity (1x10⁻⁹ – typical)
- SMD package

**ORDERING GUIDE: MV272M - C 3 D - ULN–10.0 MHz–5E-13**

<table>
<thead>
<tr>
<th>Availability of certain stability vs. operating temperature range, still air</th>
<th>5</th>
<th>3</th>
<th>2</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>A 0...+55°C</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
</tr>
<tr>
<td>B -10...+60°C</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
</tr>
<tr>
<td>C -20...+70°C</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>C</td>
</tr>
<tr>
<td>EX -40...+85°C</td>
<td>A</td>
<td>A</td>
<td>C</td>
<td>C</td>
</tr>
</tbody>
</table>

A = available; C = consult factory.

For other temperature ranges please consult factory.

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**Vibrations:**
- Frequency range: 10-500 Hz
- Acceleration: 3 g
- Shock: 75 g/ 3±1 ms
- Humidity @ 25 °C: 98%
- Storage temperature range: -55...85°C

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**Additional notes:**
- For non standard operating temperature ranges please use the following two letters designations (first letter for the lower limit, second letter for the upper limit), °C:

| A | B | C | D | E | F | G | H | J | K | L | M | N | P | Q | R | S | T | U | W | X |
| -60 | -55 | -50 | -45 | -40 | -30 | -20 | -10 | 0 | +10 | +30 | +40 | +45 | +50 | +55 | +60 | +65 | +70 | +75 | +80 | +85 |

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Due to continuous development and improvement Morion reserves the right to modify design or specifications of its products without prior notice.

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