Vibration Motor Disc (VMD)  
Actuator Data Sheet

SPECIFICATIONS
- **Speed**: up to 13000RPM (max.)
- **Noise**: up to 50dBA (max.)
- **Consumption**: 60mA
- **Input Voltage Range**: 2.2-3.6V

FEATURES
- On-board power conditioning circuitry
- Small form factor
- Easy-to-use

APPLICATIONS
- Haptic feedback
- Vibrotactile devices
- Sensory substitution

GENERAL DESCRIPTION
The vibration motor is typically used to provide haptic or vibrotactile feedback to the user. This accessory can also be a good alternative to audio and visual feedback (e.g., using a buzzer or LED) in applications where non-audible and non-visual cues are important.

ORDERING GUIDE

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<th>Part #</th>
<th>Description</th>
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<tbody>
<tr>
<td>ACT-VMD-NC</td>
<td>Vibration Motor Disc (VMD) without connectors</td>
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<tr>
<td>ACT-VMD-UCE6</td>
<td>Vibration Motor Disc (VMD) with UC-E6 socket for seamless plug &amp; play connection to a BiTalino (r)evolution Plugged or Core</td>
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<tr>
<td>ACT-VMD-SHER4</td>
<td>Vibration Motor Disc (VMD) with a Molex Sherlock 4-pin socket for easy power and signal cable connection or pin breakout using PCB wires</td>
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Fig. 1. Pin-out and physical dimensions.

BEWARE: DIRECT OR INDIRECT COUPLING TO THE MAINS MAY RESULT IN SHOCKING HAZARD