### Features:

- **Short-term stability (Allan deviation):** up to $5 \times 10^{-13}$
- **Low phase noise options:** up to $-120 \text{ dBC/Hz}$ at 1 Hz offset, up to $-170 \text{ dBC/Hz}$ at 10 kHz offset
- **Long term stability:** up to $\pm 2 \times 10^9$/year
- **RoHS compliant**
- **Standard frequency:** 10.0 MHz

### Ordering Guide: MV333M – B 5 F – B16 – SIN - 10MHz – 2 – 8E-13

#### Package drawing:

- **A12.7:**
- **B16:**

#### Additional notes:

- Please consult factory for daily aging values. Normally typical correspondence of daily to aging per year is as following:
  - $\pm 1 \times 10^7$/year – $\pm 1 \times 10^7$/day; $\pm 5 \times 10^7$/year – $\pm 5 \times 10^7$/day; $\pm 3 \times 10^8$/year – $\pm 3 \times 10^8$/day
  - For non standard operating temperature ranges please use the following two letters designation (first letter for the lower limit, second letter for the upper limit), °C:
- **Store temperature range:** $-55$ to $+85$°C
- **Operating temperature range:** $-10$ to $+70$°C
- **Humidity:** 98% RH @ 25°C

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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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