



### Features

- High stability
- For Stratum3

### Standard frequency

- 10MHz

### How to Order

OV 10.000000 M 08001AR  
 ①                      ②                      ③                      ④

- ① Function  
OV→OCVCXO
- ② Output Frequency
- ③ Frequency Unit  
M→MHz
- ④ Individual Specification

### Specifications

| Item                                  | Symbol            | Conditions                               | Min.                | Max.                | Units             |
|---------------------------------------|-------------------|--|---------------------|---------------------|-------------------|
| Output Frequency                      | fo                | —  | 10                  | 10                  | MHz               |
| Storage Temperature Range             | T <sub>stg</sub>  | —  | -40                 | +85                 | °C                |
| Operating Temperature Range           | T <sub>use</sub>  | —  | -10                 | +60                 | °C                |
| Supply Voltage                        | V <sub>cc</sub>   | —  | 4.75                | 5.25                | V                 |
| Current consumption                   | I <sub>cc</sub>   | Start up                                 | —                   | 500                 | mA                |
|                                       |                   | Steady state @+25°C, V <sub>cc</sub> +5V | —                   | 170                 | mA                |
| Frequency Temperature characteristics | fo-Tc             | Ref. at +25°C                            | -0.3                | +0.3                | ×10 <sup>-6</sup> |
| Frequency Aging                       | f <sub>age</sub>  | 1 year                                   | -0.15               | +0.15               | ×10 <sup>-6</sup> |
| Frequency Control Range               | f <sub>cont</sub> | —  | -1.0                | +1.0                | ×10 <sup>-6</sup> |
| Frequency Deviation                   | VC                | —  | 0                   | 5.0                 | V                 |
| CMOS Load                             | L <sub>CMOS</sub> | —  | —                   | 15                  | pF                |
| Low Level Output Voltage              | V <sub>OL</sub>   | —  | —                   | 10% V <sub>cc</sub> | V                 |
| High Level Output Voltage             | V <sub>OH</sub>   | —  | 90% V <sub>cc</sub> | —                   | V                 |
| Symmetry                              | Symmetry          | —  | 40                  | 60                  | %                 |

### Dimensions

(Unit: mm)

