

## High Precision TCXO / VCTCXO 5,0 x 3,2 mm

**AKM IC independent Products available**

### Features

- High stability
- Wide temperature range
- Low phase noise
- Ultra-small package size
- Ultra-low power consumption
- Product customization options available

### Specifications ( Standard )

| Item                  | Symbol       | Specifications                            | Conditions                |
|-----------------------|--------------|-------------------------------------------|---------------------------|
| Output frequency      | $f_0$        | 5.0 MHz to 56.0 MHz                       |                           |
| Supply voltage        | $V_{cc}$     | +1.8V to 3.3V (3,6V )                     |                           |
| Current consumption   | $I_{cc}$     | 5 mA max.                                 | (output signal depending) |
| Output                | $V_{pp}$     | Clipped sine Wave and CMOS/               |                           |
| Load                  | Load_R,C     | 10kOhm // 10 pF or 15 pF                  |                           |
| Frequency stability   |              |                                           |                           |
| / Frequency tolerance | $f_{tol}$    | from $\pm 1,0 \times 10^{-6}$ ppm         |                           |
| / Temperature         | $f_{0\_T_c}$ | $\geq \pm 0,28 - 0,5 \times 10^{-6}$ max. | Max OP – 40 to + 105 °C   |
| Frequency aging       | $f_{age}$    | $\pm 1,0 \times 10^{-6}$ max.             | 1 year, at 25 °C          |

VCTCXO => Control Voltage  $1.65 \pm 1.0V$  ;  $1.5 V \pm 1.0V$  ;  $0.9 \pm 0.9V$   
 Frequency Control Range  $\pm 5 \sim 15$  ppm

### Dimension

