

2,5 x 2,0 mm TCXO / VCTCXO

Temperature Compensated Voltage Controlled Crystal Oscillator
AKM IC independent products available

Features

Reflow solderable, ceramic SMD
RoHS compliant
Fast start up

Applications

cell phone, base station, mobile radio, measurement, data modem

Specifications

Item	Symbol	Specifications	Conditions
Output frequency	f_0	10.0 MHz to 56.0 MHz	
Supply voltage	Vcc	+1,8V to 3.3V	
Current consumption	Icc	Up to 5mA max.	
Output	Vpp	Clipped sine Wave and CMOS/ HCMOS	
Load	Load_R,C	10kOhm // 10 pF or 15 pF	
Frequency stability			
/ Frequency tolerance	f_{tol}	from $\pm 1,0 \times 10^{-6}$ to ± 2 ppm	
/ Temperature	$f_{0_T_c}$	$\geq \pm 0,5 - 2,5 \times 10^{-6}$ max.	Max OP – 40 to + 125 °C
/ Frequency aging	f_{age}	$\pm 1.0 \times 10^{-6}$ to $\pm 2.0 \times 10^{-6}$ max.	1 year, at 25 °C

Mechanical Dimensions (mm):

