

- Very high stability, from $\pm 0.04\text{ppm}$ over 0 to $+50^\circ\text{C}$
- Frequency Range: 10MHz - 60MHz
- Output Signal: CMOS or Sine wave



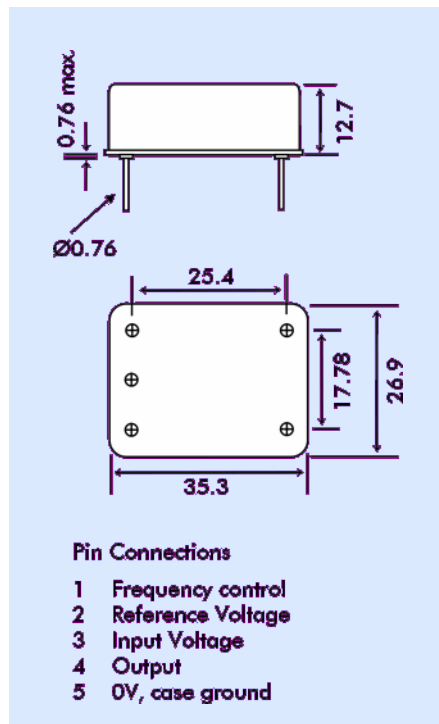
DESCRIPTION

ZT5050 TCXOs are very high stability TCXOs combining Analogue and Digital techniques to produce a TCXO for applications requiring low power consumption and excellent temperature stability.

SPECIFICATIONS

Frequency Range:	10.0MHz to 60.0MHz
Output	Series ZT5050: CMOS, (5.0V supply) Series ZT5051: Sine Wave, (5.0V supply) Series ZT5052: CMOS, (3.3V supply) Series ZT5053: Sine Wave, (3.3V supply)
Input Voltage:	$\pm 3.3\text{VDC} \pm 5\%$ or $+5.0\text{VDC} \pm 5\%$
Input Current:	45mA max at 10.0MHz <30MHz: 20mA max.
Temperature Stability:	See table
Frequency Control:	$> \pm 5\text{ppm}$ 0 to 3.3V, positive slope
Ageing:	$\pm 1.0\text{ppm/year}$

ZT5050 - OUTLINES AND DIMENSIONS



STABILITY OVER TEMPERATURE

Temp. Range	Stability	Part No. Code
0~+50°C	$\pm 0.04\text{ppm}$	B48
-20~+70°C	$\pm 0.05\text{ppm}$	N58
-40~+85°C	$\pm 0.07\text{ppm}$	T78

PART NUMBERING

Example: **ZT5050-B48-10.0MHz**

