

The HE-TO-5 series oscillator features a miniature package and wide frequency range of 32.768 kHz, and 250 KHz ~ 120 MHz. These devices are available with tight stability options and are a reliable oscillator ideal for many applications.

For other specifications and pin options, please contact HEC, INC.



ELECTRICAL SPECIFICATIONS

PARAMETER	HE-TO-560	HE-TO-565	HE-TO-501	HE-TO-511	HE-TO-521	HE-TO-581
FREQUENCY	250kHz - 40 MHz		32.768 kHz	45 ~ 70 MHz	30 ~ 46 MHz	40 ~ 120 MHz
STABILITY	A: ±5 PPM, B: ±10 PPM, C: ± 15 PPM, D: ± 20 PPM G: ± 40 PPM, S: Other (specify)					
OPERATING TEMP.	0 °C ~ +50°C // -20 °C ~ +70°C					
STORAGE TEMP.	-30 °C ~ +80°C					
OUTPUT LEVEL	CMOS					
OUTPUT VOLTAGE (VOL)	0.5V		0.3V		0.5V	
OUTPUT VOLTAGE (VOH)	4.5V		2.7V		4.5V	
RISE / FALL TIME	15nS max		10nS		15nS max	
OUTPUT LOAD	2 TTL		~	10 TTL	10LS TTL	10 TTL
DUTY CYCLE	40 : 60 %					
SUPPLY VOLTAGE	+5.0 V		+3.0V		+5.0V	
SUPPLY CURRENT	10mA max.		10µA max	50 mA max	40 mA max	50 mA max

MECHANICAL DRAWING

