

## ELECTRICAL SPECIFICATIONS

PARAMETERS	SPECIFICATIONS		UNIT
HEC PART NUMBER	HE-SMO-323	HE-SMO-322	
FREQUENCY RANGE	0.75 ~ 75.0 MHz	0.75 ~ 125.0 MHz	MHz
FREQUENCY STABILITY	±30 PPM, ±50 PPM, ±100 PPM		PPM
OPERATING TEMPERATURE RANGE	0°C to +70°C (-40°C to +85°C)		°C
INPUT VOLTAGE	3.0V ± 5%	2.5V ± 5%	V
INPUT CURRENT	7mA max (20 MHz) 13mA max (40 MHz) 19mA max (60 MHz) 24mA max (75 MHz)	5mA max (20 MHz) 9mA max (40 MHz) 11mA max (60 MHz) 14mA max (75 MHz)	mA
OUTPUT LOAD	HCMOS / 15pF		
RISE & FALL TIME	10ns max		
DUTY CYCLE	40 / 60		%
TRISTATE	Enable/Disable optional		
JITTER	50ps (peak to peak) RMS Max		ps

## PART NUMBERING GUIDE

HE-SMO-53	VOLTAGE	STABILITY	TEMP RANGE	- FREQUENCY	- OPTIONS
HE-SMO-32	3 = 3.0 V 2 = 2.5 V	A = ±30 PPM B = ±50 PPM C = ±100 PPM	BLANK = 0°C to +70°C E = -40°C to +85°C	ENTER FREQUENCY	ENTER CUSTOM OPTIONS

Terminal Connection	
#1	INH
#2	GND
#3	OUTPUT
#4	+Vcc

Dimension in mm

