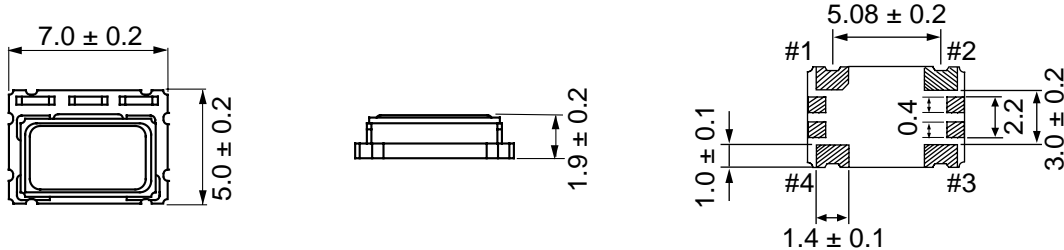


**ELECTRICAL SPECIFICATIONS**

PARAMETERS		SPECIFICATIONS
HEC PART NUMBER		HE-TXO-758 / HE-VTXO-758
FREQUENCY RANGE		10.000 - 20.000 MHz
NOMINAL FREQUENCY		10.00 MHz, 12.80 MHz, 13.00 MHz, 14.40 MHz, 15.36 MHz, 19.20 MHz, 19.68 MHz
FREQUENCY STABILITY	VS. TEMPERATURE	±2.5 PPM @ -30°C to +80°C
	VS. SUPPLY VOLTAGE	±0.2 x 10 <sup>-6</sup> @ 3.0V ± 5%
	VS. AGING	±1.0 x 10 <sup>-8</sup> / YEAR (25°C)
OPERATING TEMPERATURE RANGE		-30°C to +80°C
STORAGE TEMPERATURE RANGE		-40°C to +90°C
SUPPLY VOLTAGE		DC +2.8V ~ +5.0V (± 5%)
INPUT CURRENT		1.5 mA max.
OUTPUT LOAD		10KΩ // 10pF (±10%)
OUTPUT LEVEL		0.8Vp-p Min. CLIPPED SINE WAVE
CONTROL VOLTAGE		DC +1.5V ~ +1.0V
CONTROL VOLTAGE STABILITY		±3.5 x 10 <sup>-6</sup> min.
PHASE NOISE		-110 dBc / Hz max. (at 100 Hz)
INPUT IMPEDANCE		100 KΩ min.
HARMONICS		-5.0 dBc max.
VOLUME		0.063cc
WEIGHT		0.15g
PART NUMBERING GUIDE		HE-TXO-758-FREQUENCY = 5V HE-TXO-758V-FREQUENCY = 3.0V

**MECHANICAL DRAWING**



TERMINAL	CONNECTION	
	TCXO	VCTCXO
#1	NC	Vcont
#2	GND	
#3	OUTPUT	
#4	Vcc	