

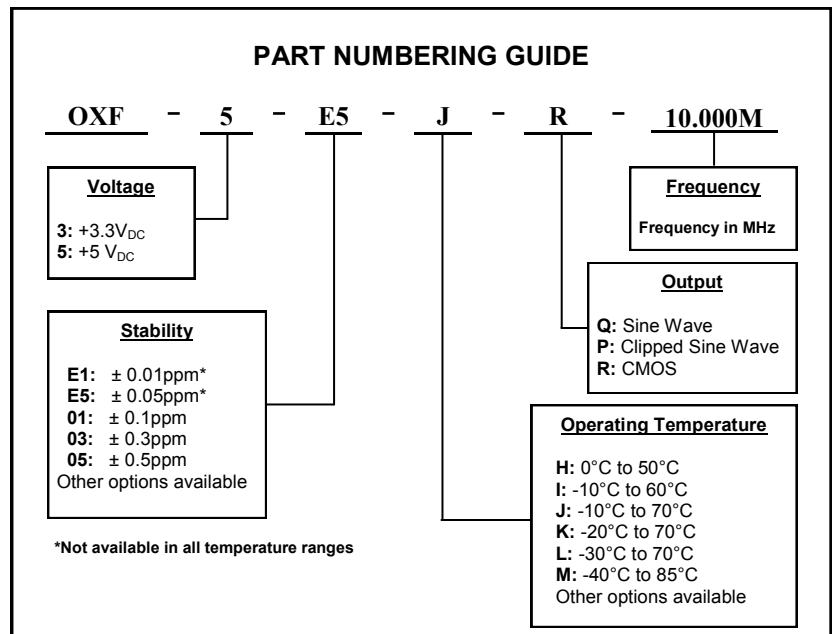
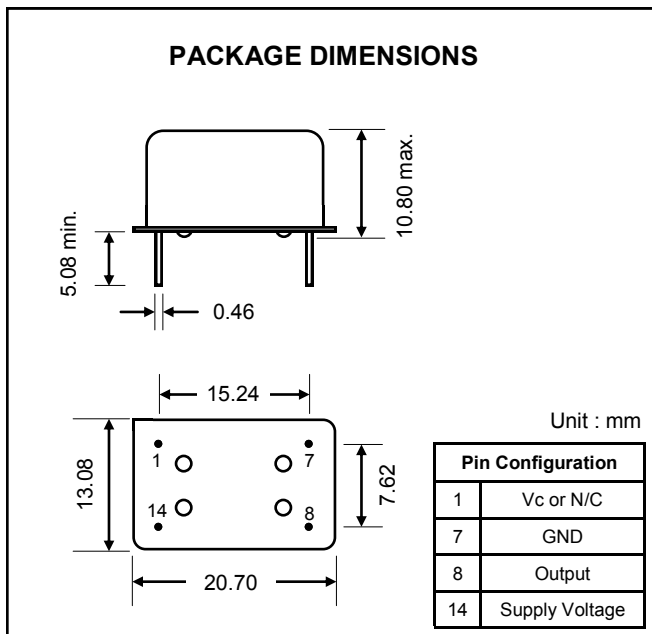
## OCXO - 20.7 X 13.08 X 10.8mm 14PIN DIP FULL SIZE

### FEATURES:

- WIDE FREQUENCY RANGE
- LONG TERM AGING
- LOW COST



MODEL	OX - F
FREQUENCY RANGE	1 MHz to 100 MHz
FREQUENCY ACCURACY	± 0.5 ppm (central control voltage)
FREQUENCY STABILITY vs. TEMPERATURE	See Part numbering Guide
AGING	First year ± 0.5ppm, 10 years ± 3 ppm max.
SHORT TERM STABILITY	1 x 10 <sup>-10</sup> / ms
OUTPUT TYPE AND LOAD CHARACTERISTICS	CMOS (15pF), Clipped sine wave (10KΩ//10pF), or Sinewave (50Ω)
SUPPLY VOLTAGE ±5%	+3.3 V <sub>DC</sub> or +5.0 V <sub>DC</sub>
FREQUENCY STABILITY vs. LOAD CHANGE ± 10%	± 0.02 ppm max.
FREQUENCY STABILITY vs. VOLTAGE ± 5%	± 0.02 ppm max.
SUPPLY CONSUMPTION	1.6W(max.) during warm-up; 0.6W(max.) when static
WARM-UP TIME	± 0.5 ppm, < 3 minute
ADJUSTABLE FREQUENCY RANGE	± 5.0 ppm min.
CONTROL VOLTAGE RANGE	0 ~ 5 V, N/C option available
SLOPE	Positive
LINEARITY	± 10 %
PHASE NOISE (5V)	10Hz, -100dBc/Hz typical
	100Hz, -135dBc/Hz typical
	1KHz, -150dBc/Hz typical
	10KHz, -155dBc/Hz typical
STORAGE TEMPERATURE RANGE	-55 °C ~ +125 °C



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