

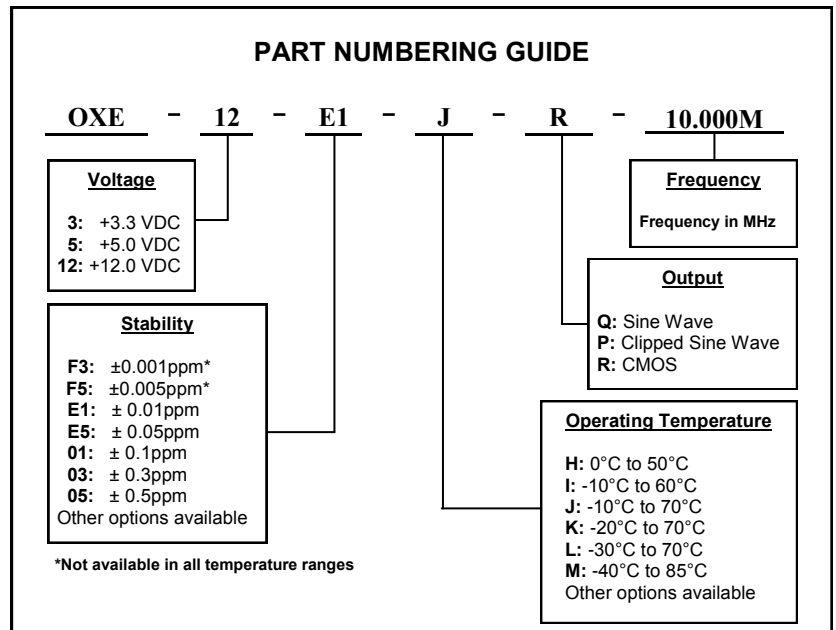
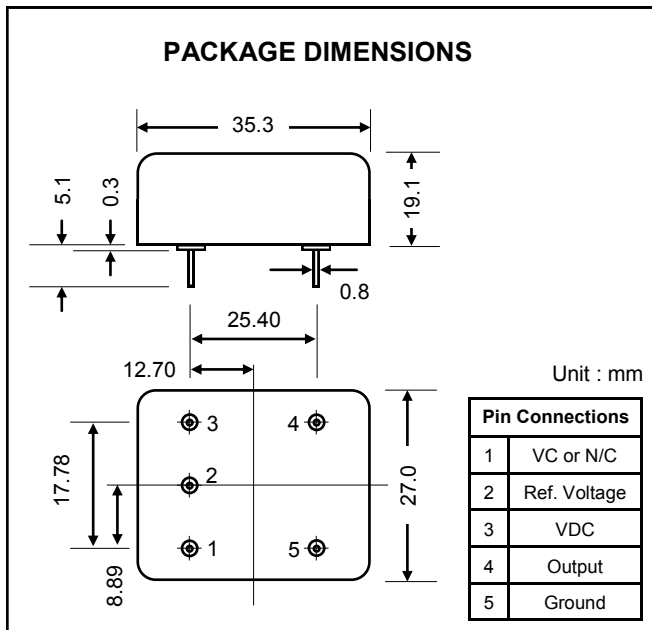
OCXO - 35.3 X 27 X 19.1mm "EURO" PACKAGE
FEATURES:

- TIGHT STABILITY AVAILABLE
- LOW PHASE NOISE/LONG TERM AGING
- SC CUT or AT CUT BASED ON APPLICATION

RoHS
Compliant



MODEL		OX - E
FREQUENCY RANGE		1 MHz to 100 MHz
FREQUENCY ACCURACY		± 0.1 ppm max.
FREQUENCY STABILITY vs. TEMPERATURE		See Part numbering Guide
AGING	AT Cut	± 0.001 ppm/day, first year ± 0.1 ppm, 10 years ± 1.0 ppm max.
	SC Cut	± 0.001 ppm/day, first year ± 0.1 ppm, 10 years ± 1.0 ppm max.
SHORT TERM STABILITY		1 x 10 ⁻¹⁰ / ms
OUTPUT TYPE AND LOAD CHARACTERISTICS		CMOS (15pF), Clipped sine wave (10KΩ//10pF), or Sinewave (50Ω)
SUPPLY VOLTAGE		+3.3 VDC, +5.0 VDC, or +12.0 VDC (See Part Numbering Guide)
FREQUENCY STABILITY vs. LOAD CHANGE ± 10%		± 0.02 ppm max.
FREQUENCY STABILITY vs. VOLTAGE ± 5%		± 0.02 ppm max.
SUPPLY CONSUMPTION		3.0W(max.) during warm-up; 1.0W(max.) when static
WARM-UP TIME	AT Cut	± 0.2 ppm, < 3 minute
	SC Cut	± 0.05 ppm, < 3 minute
ADJUSTABLE FREQUENCY RANGE	AT Cut (Internal trim)	± 5.0 ppm min.
	SC Cut	± 1.0 ppm min.
CONTROL VOLTAGE RANGE		0 ~ 5 V, N/C option available
SLOPE		Positive
LINEARITY		± 10 %
PHASE NOISE (10MHz)		1Hz, -95dBc/Hz typical
		10Hz, -125dBc/Hz typical
		100Hz, -135dBc/Hz typical
		1KHz, -152dBc/Hz typical
		10KHz, -157dBc/Hz typical
STORAGE TEMPERATURE RANGE		-55 °C ~ +125 °C



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