

OCXO - 50.8 x 50.8 x 25.4mm PACKAGE

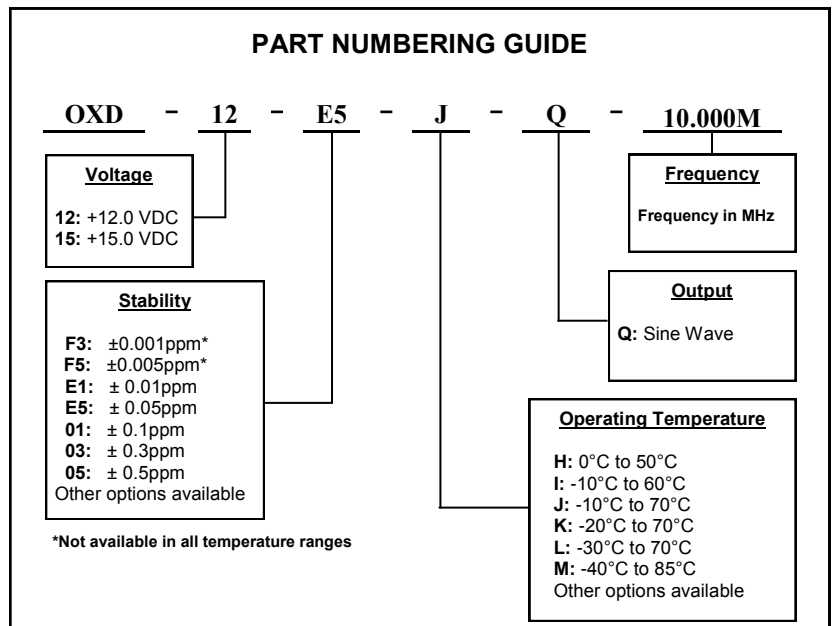
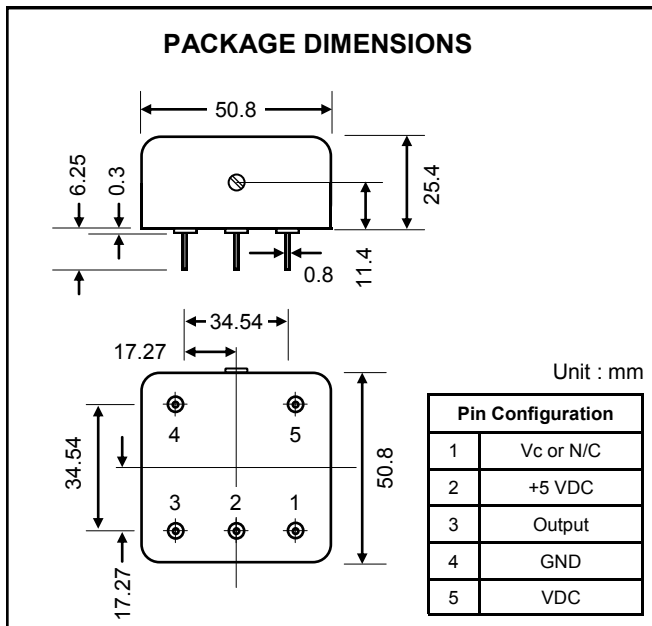
FEATURES:

- ULTRA HIGH STABILITY AVAILABLE
- LONG TERM AGING
- SC CUT CRYSTAL DESIGN

RoHS
Compliant



MODEL		OX - D
FREQUENCY RANGE		1 MHz to 160 MHz
FREQUENCY ACCURACY		± 0.1 ppm max.
FREQUENCY STABILITY vs. TEMPERATURE		See Part numbering Guide
AGING	AT Cut	± 0.002 ppm/day, first year ± 0.3 ppm, 10 years ± 2 ppm
	SC Cut	± 0.001 ppm/day, first year ± 0.1 ppm, 10 years ± 0.5 ppm
SHORT TERM STABILITY		2 x 10 ⁻¹⁰ / ms
OUTPUT TYPE AND LOAD CHARACTERISTICS		CMOS (15pF), Clipped sine wave (10KΩ//10pF), or Sinewave (50Ω)
SUPPLY VOLTAGE		+12.0 VDC or +15.0 VDC
FREQUENCY STABILITY vs. LOAD CHANGE ± 10%		± 0.005 ppm max.
FREQUENCY STABILITY vs. VOLTAGE ± 5%		± 0.005 ppm max.
SUPPLY CURRENT CONSUMPTION		3.0W(max.) during warm-up; 1.0W(max.) when static
WARM-UP TIME	AT Cut	± 0.2 ppm, < 3 min.
	SC Cut	± 0.05 ppm, < 3 min.
ADJUSTABLE FREQUENCY RANGE	AT Cut	± 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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