

FREQUENCY RANGE 10 MHz to 240 MHz
 FREQUENCY ACCURACY @ + 25 °C $\pm 0.0015\%$ (± 15 PF)
 FREQUENCY STABILITY Vs. TEMPERATURE See Options Below
 OPERATING TEMPERATURE RANGE See Options Below
 INPUT VOLTAGE (See Note Below) - 4.5 VDC $\pm 5\%$

INPUT CURRENT @ - 4.5 VDC 50 mA Max.

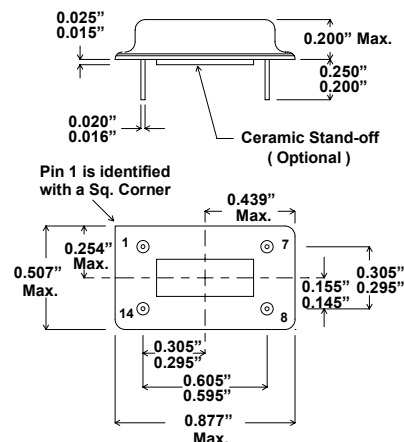
OUTPUT 100K Compatible
 LOAD 100 Ω to - 2.0 VDC
 SYMMETRY 60/40% @ 50% Level
 RISE & FALL TIMES (10% to 90% Level) 2 nS Max.

START-UP TIME 15 mS Max.

FREQUENCY STABILITY Vs. VOLTAGE $\pm 0.0002\%$ (± 2 PPM) Max.
 (for 5% change in Voltage)

AGING @ +25 °C $\pm 0.0005\%$ (± 5 PPM) / year Max.

PACKAGE, SEAL & LEAD FINISH Conforms with the Requirements
 of MIL-PRF-55310



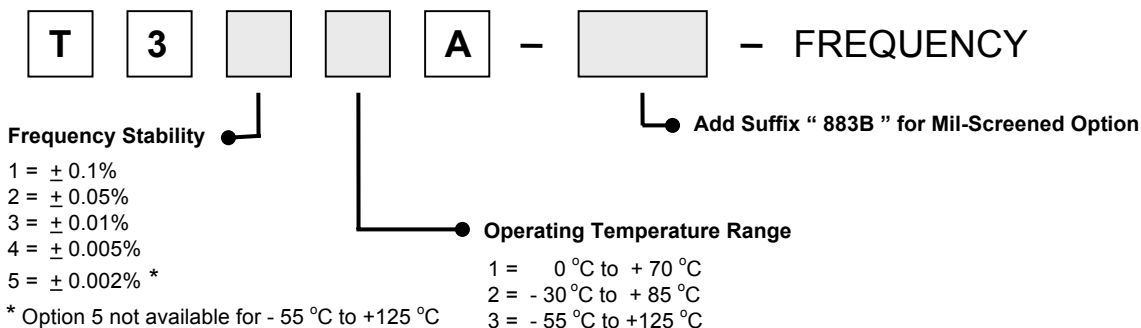
Pin Connections

14	GND/CASE
7	-4.5 VDC
8	OUTPUT
1	N/C
All Others	MISSING

NOTE: For PECL applications, Xsis 300 Series ECL oscillators can be operated with +5 VDC $\pm 10\%$ on Pin 14 and power supply return on Pin 7. The output logic levels will still be referenced to +5 VDC and the case will be at +5 VDC, however, 0.8 V peak to peak output signal can be AC or DC coupled as necessary.

Contact Xsis Engineering for special requirements such as, Output Symmetry, Start-up Time, Frequency Accuracy, Complementary Outputs, Multiple Outputs, etc.

ORDERING INFORMATION (Select from options below) :



EXAMPLE: T343A - 883B - 24.000 MHz = 14 Pin Package, 100K ECL, $\pm 0.0005\%$ over -55 °C to +125 °C, Mil-Screened , and 24.000 MHz

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