



XSIS 300 SERIES ECL OSCILLATORS

T.50.23

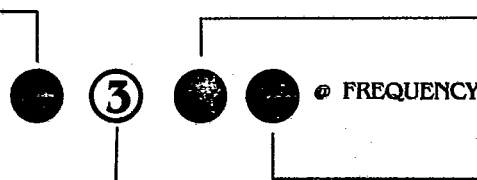
FREQUENCY RANGE	20 MHz — 125 MHz
FREQUENCY ACCURACY @ 25°C	± 0.0015%
FREQUENCY STABILITY VS. TEMPERATURE	SEE TABLE BELOW
STORAGE TEMPERATURE	-55°C to +125°C
INPUT VOLTAGE	-5.2 VDC ± 5%
INPUT CURRENT @ -5.2 VDC	65 mA MAX.
OUTPUT	MECL 10KH COMPATIBLE
RISE & FALL TIMES	2 nS MAX.
SYMMETRY	40% to 60%
FREQUENCY STABILITY VS. INPUT VOLTAGE	± 5PPM MAX. for 10% change in INPUT VOLTAGE
AGING @ 25°C	± 5 PPM/YR

FOR HIGHER FREQUENCIES AND 100K OUTPUT CONTACT OUR ENGINEERING DEPARTMENT

PART NUMBERING CODE, FREQUENCY STABILITY & OPERATING TEMP. OPTIONS

X = 14 Pin
T = 4 Pin

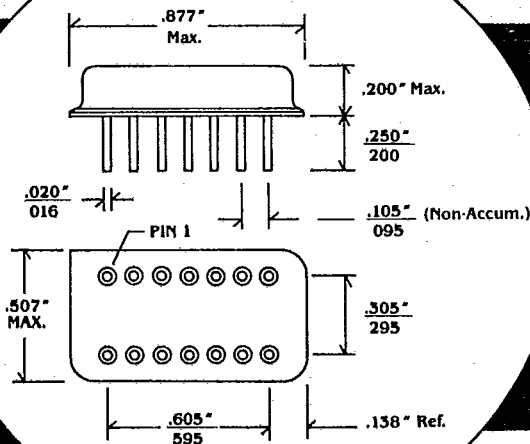
3 = ECL Compatible



- 1 = ± 0.1%
- 2 = ± 0.05%
- 3 = ± 0.01%
- 4 = ± 0.005%
- 5 = ± 0.002%*

- 1 = 0°C to +70°C
- 2 = -30°C to +85°C
- 3 = -55°C to +125°C**

*not available for -55°C to +125°C
**consult factory above 90 MHz



PIN CONNECTIONS AVAILABLE

14 PIN PACKAGE		4 PIN PACKAGE	
PIN #	FUNCTION	PIN #	FUNCTION
7	-5.2V	1	NC
8	OUTPUT	7	-5.2V
14	GND & CASE	8	OUTPUT
		14	GND & CASE
1 THRU 6	NC	2 THRU 6	MISSING
9 THRU 13	NC	9 THRU 13	MISSING

