

X SIS XE10 SERIES SURFACE-MOUNT LEADLESS CHIP CARRIER OSCILLATORS

PART NUMBERING CODE, FREQUENCY STABILITY & OPERATING TEMP. OPTIONS

X E10-①

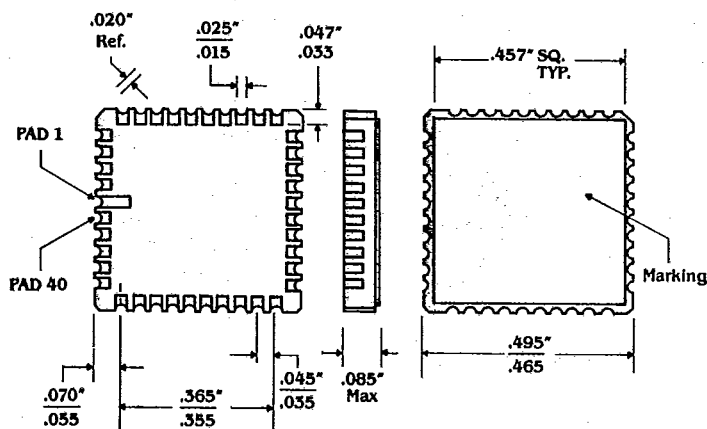
1 = TTL
COMPATIBLE

● FREQUENCY

- 1 = $\pm 0.1\%$
- 2 = $\pm 0.05\%$
- 3 = $\pm 0.01\%$
- 4 = $\pm 0.005\%$
- 5 = $\pm 0.0025\%$ *

*not available for
-55°C to +125°C

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



PAD	FUNCTION
4 & 10	B+
31 & 37	GND
39	OUTPUT
ALL OTHERS	N/C

ADVANCED DESIGN MICROCIRCUIT CRYSTAL OSCILLATORS

TYPICAL SPECS AVAILABLE

Frequency Range
Frequency $\pm 25^\circ\text{C}$

100 SERIES-TTL
100Hz to 70MHz
 $\pm 0.0015\%$

200 SERIES-CMOS
250Hz to 30.0MHz
 $\pm 0.0015\%$

300 SERIES-ECL-10KH
20MHz to 125MHz
 $\pm 0.0015\%$

for Higher Frequencies—contact factory
(200A Series-Fast CMOS) (300A Series-100K)

STABILITIES AVAILABLE

Part Number

- ① $\pm 0.1\%$
- ② $\pm 0.05\%$
- ③ $\pm 0.01\%$
- ④ $\pm 0.005\%$
- ⑤ $\pm 0.0025\%$ **

** Not available with -55°C to +125°C

TEMPERATURE RANGES

Part Number

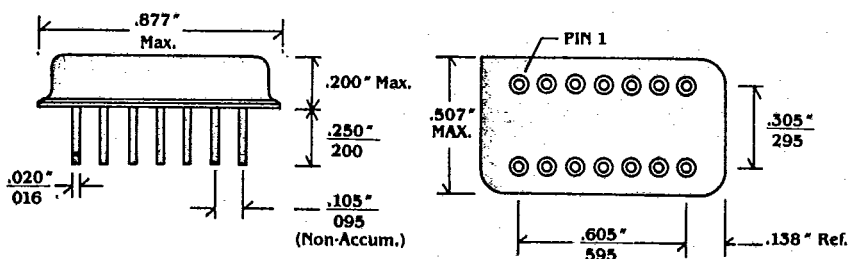
- ① 0 to 70°C
- ② -30 to +85°C
- ③ -55 to +125°C***

*** Consult Factory For Above 90MHz on ECL

PACKAGE TYPE + PIN CONNECTIONS

OPTION 'X'	OPTION 'E'	OPTION 'M'	OPTION 'T' (4 PIN)
PIN 7 GRD 8 Output 14 B+	PIN 4 B+ 5 Output 7 GRD/Case	PIN 1 Output 2 Case 8 GRD 14 B+	PIN 1 N/C 7 GRD 8 Output 14 B+
1 thru 6 N/C 9 thru 13 N/C Same As M55310/16/18	1, 2, 3, 6, N/C 8 thru 14 N/C Same As M55310/14	3 thru 7 N/C 9 thru 13 N/C Same As M55310/8/11/15	2 thru 6 Missing 9 thru 13 Missing

PART NUMBER ORDERING EXAMPLE

14 PIN with Option 'X' PINOUT
TTL Compatible
(2 For CMOS -3 for ECL)
 $\pm 0.005\%$ Stability
-55° to $\pm 125^\circ\text{C}$ Temperature Range


X SIS ELECTRONICS