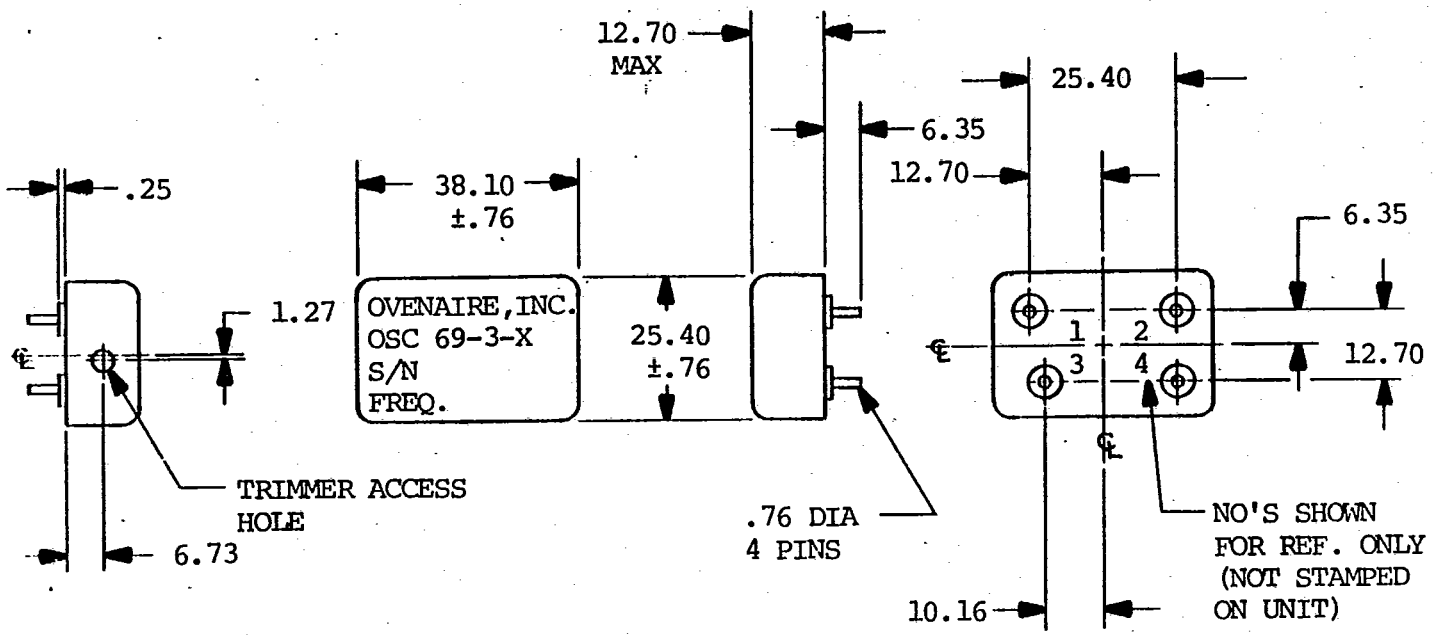


DIMENSIONS IN MILLIMETERS



PIN CONNECTIONS

- 1. OSCILLATOR OUTPUT
- 2. N.C.
- 3. B+
- 4. 0VDC

MM	INCHES
.25	.010
.76	.030
1.27	.050
6.35	.250
6.73	.265
10.16	.400
12.70	.500
25.40	1.000
38.10	1.500

SHT. 1 OF 2 OSC 69-3-X	<b>ovenaire</b>			CHARLOTTESVILLE, VIRGINIA		
	NAME PLASTIC PCB MOUNT OSCILLATOR CATALOG				SHT 1 OF 2 OSC 69-3-X	
	TOLERANCES				SCALE	3:4
	UNLESS OTHERWISE SPECIFIED { MILLIMETERS ±.76 ANGLES INCH DEC ±.030				DWN	B.K. 2-19-73
					APP'D	DAG 2-20-73
	A	REDRAWN	DAG	9-11-81	MATERIAL: CASE: PLASTIC	
LET	REVISION	BY	DATE	FINISH: BLACK		
				MARKING: WHITE EPOXY INK		

PRINTED CIRCUIT MOUNT "PLASTIC PACK" OSCILLATOR

A. GENERAL

1. Frequency Range: 6 MHz to 22 MHz
2. Output Level: "0" Level +0.4 V Maximum @ 5 mA  
"1" Level +4.0 V Minimum @ 1 mA.
3. Waveform: Rectangular
4. Load: TTL Compatible
5. Rise and Fall Time: 25 NanoSeconds typical
6. Duty Cycle: 50% ±20%

B. FREQUENCY STABILITY

1. Accuracy At +25°C ±2°C: Can be set within ±1 ppm with internal trimmer.
2. Ambient Stability:
  - (a) OSC 69-3-1: ±20 ppm maximum from -5°C to +60°C Ref to +25°C
  - (b) OSC 69-3-2: ±35 ppm maximum from -30°C to +85°C Ref to +25°C
3. Long Term Stability: 8 ppm typical after 90 days. (Aging Rate Per Year)

C. ADJUSTMENT RANGE

1. Type of Control: Single turn capacitor
2. Range: 35 ppm typical

D. POWER REQUIREMENT

1. Supply Voltage: +5.0 VDC with ±5% regulation
2. Input Current: 15 mA Maximum
3. Output Reference: 0 VDC Line

**ovenaire**

CHARLOTTESVILLE, VIRGINIA

NAME  
P.C.B. MOUNT LOGIC OSCILLATOR  
CATALOG

SHT 2 OF 2  
OSC 69-3-X

TOLERANCES

UNLESS OTHERWISE SPECIFIED { MILLIMETERS ± \_\_\_\_\_  
ANGLES \_\_\_\_\_  
INCH DEC ± \_\_\_\_\_

SCALE

DWN B.K. 2-20-73

APP'D **ADB** 2-20-73

RETYPED M.J. 9-11-81

MATERIAL: \_\_\_\_\_

MARKING: \_\_\_\_\_

LET REVISION BY DATE FINISH: \_\_\_\_\_

SHT. 2 OF 2  
OSC 69-3-X