5 x 7 CERAMIC CLOCK OSCILLATORS

APPLICATIONS: This oscillator provides flexibility to designers by providing a mechanical solution to space constraints. PDI provides this product for all clock requirements: Telecom, Instrumentation and Personal Computers.

Typical Electrical Characteristics

Frequency Range : 1.544 MHz to 125.0 MHz
Supply Voltage : 5.0V ± 10%, 3.3V ± 10%
Output Symmetry : 40% Min- 60% Max,
45% Min- 55% Max
Rise Time (T_R) : .5V to 4.5V / 5nS
Fall Time (T_F) : 4.5V to .5V / 5nS
Current Consumption :

1.544-25.0000 MHz	25 mA typical
25.00-50.0000 MHz	35 mA typical
50.00-80.0000 MHz	50 mA typical
80.00-125.000 MHz	65 mA typical

Output Load:
TTL, HCMOS (15pF to 50 pF load)

Options:
OC7E= Enable
OC7T= Tristate
OC7N= NC

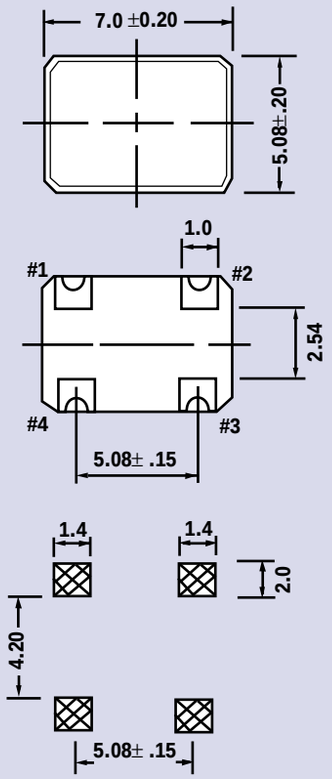
Frequency Tolerance

A = NA
B = ±25 ppm
C = ±50 ppm
D= ±100 ppm
S = SPECIAL

Operating Temp Range

A. 0˚C to 70˚C
B. -20˚C to 70˚C
C. -30˚C to 80˚C
D. -40˚C to 85˚C
E. -55˚C to 105˚C
S. SPECIAL

Package # OC7
(Ceramic SMD Oscillator)

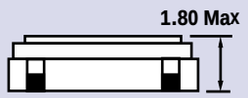


OC7E

PIN	CONNECTION
1	E/D
2	GND
3	OUTPUT
4	VCC

OC7T

PIN	CONNECTION
1	TRI-STATE
2	GND
3	OUTPUT
4	VCC

OC7N

PIN	CONNECTION
1	N.C.
2	GND
3	OUTPUT
4	VCC