Plastic 4J-Lead SMD Oscillator
■ Model No. P4JXH

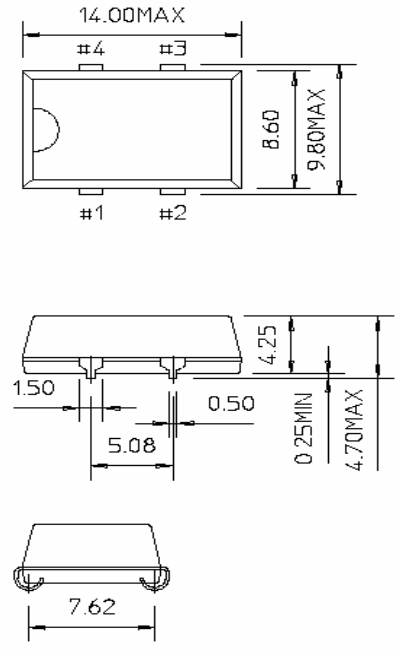
Features

- HCMOS/TTL
- Plastic Molded Package, 14x9.8x4.7mm
- 3.3V / 5.0V Operation
- RoHS Compliant

Specification

Parameter	Characteristic
Frequency Range	1.000MHz ~ 155.520MHz
Frequency Stability	+/- 100ppm std. (See Table 5)
	Inclusive of Operating Temperature
Operating Temperature Range	0 ~ +70℃ std. (See Table 6)
Storage Temperature Range	-55 ~ +125℃
Input Voltage	3.3Vdc +/- 10% / 5.0Vdc +/- 10%
Input Current	60mA max (See Table A)
Output 0 Level (Vol)	10%Vdc max
Output 1 Level (Voh)	90%Vdc min
Symmetry (Duty Cycle)	40/60%@1/2Vdc std. (See Table 7)
Rise & Fall Time	10nS max (See Table B)
Start Up Time	10mS max
Output waveform vs. Load	HCMOS-TTL / 15pF or 10TTL
Aging(at 25℃)	+/- 5ppm / year max

Drawing



Pin Connection

1. E/D or N.C
2. Ground
3. Output
4. Vcc

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Ordering Guide

Typical P/N : P4JXH - 75M - 260R - 3 - 50 B S1 T -TR
1 2 3 4 5 6 7 8 9

1. Package P4JXH = 14x9.8x4.7mm
(Plastic 4J-Lead SMD Oscillator, HCMOS/TTL)

2. Frequency range : 1 to 155.520MHz (3.3V)
1 to 80MHz (5.0V)

3. 260R : 260℃ RoHS Compliant

4. Input Voltage : 3 = 3.3V / 5 = 5.0V

5. Frequency Stability
00 : +/- 100ppm
50 : +/- 50ppm
25 : +/- 25ppm

6. Operating Temperature Range
A : 0~70℃
B : -20~70℃
C : -40~85℃
D : -10~70℃
* : The others

7. Symmetry (Duty Cycle)
S1 : 45/55% at 1/2Vdc
S2 : 40/60% at 1/2Vdc

8. Pin#1 Connection
T : Tri-state
Blank : No connection

9. Packing
TR : Tape and Reel
BU : Bulk
TU : Tube

A. Input Current
-. 3.3V
1MHz ≤ F ≤ 27MHz : 15mA max
27MHz < F ≤ 50MHz : 25mA max
50MHz < F ≤ 80MHz : 40mA max
80MHz < F ≤ 155.52MHz : 60mA max

-. 5.0V
1MHz ≤ F ≤ 40MHz : 30mA max
40MHz < F ≤ 50MHz : 40mA max
50MHz < F ≤ 80MHz : 55mA max

B. Rise / Fall Time
1MHz ≤ F ≤ 40MHz : 10nS max
40MHz < F ≤ 50MHz : 8nS max
50MHz < F ≤ 80MHz : 6nS max
80MHz < F ≤ 155.52MHz : 4nS max