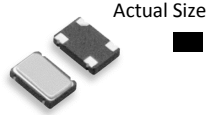


FREQUENCY MANAGEMENT INTERNATIONAL

model **HLP3226**



Package type: 3.2x2.5 mm
Ceramic SMD Package with
4 Gold Plated Pads
Pb-free / RoHS Compliant

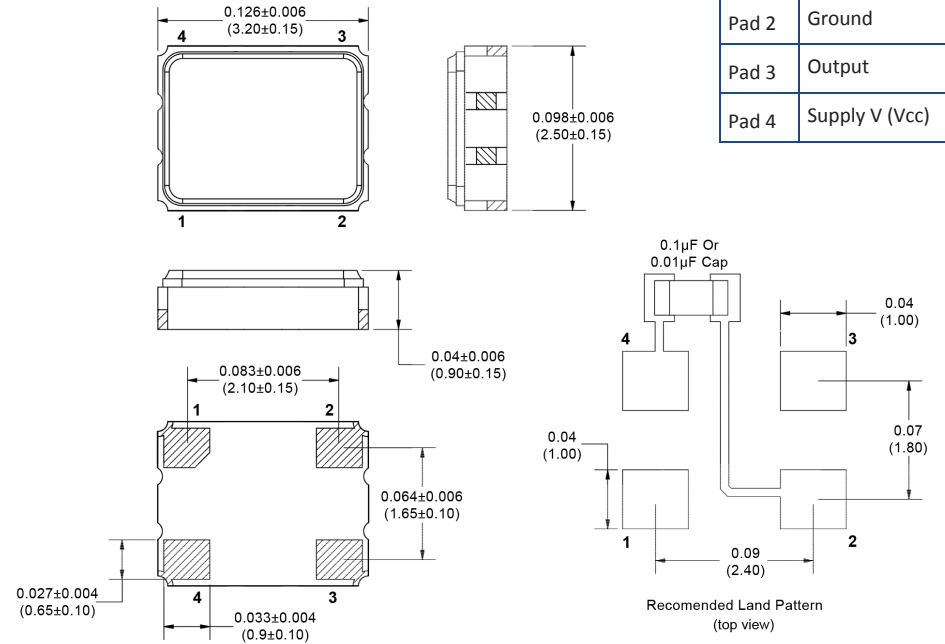
High Temperature, Low-power 3.2x2.5 mm SMD Crystal OSCILLATOR

| ELECTRICAL SPECIFICATIONS | PARAMETER |
|--------------------------------------|---------------------------------|
| OUTPUT FREQUENCY | 32.768 KHz |
| SUPPLY VOLTAGE RANGE | 1.8 TO 3.8 V |
| OPERATING TEMPERATURE RANGE | -55°C to +200°C |
| FREQUENCY STABILITY OVER TEMPERATURE | ±175 ppm, -40°C to +200°C |
| OUTPUT LOGIC | CMOS, 15 pF load |
| SUPPLY CURRENT (3.3V & at +25°C) | 20 µA (<10 µA in disabled mode) |
| SUPPLY CURRENT (3.3V & at +200°C) | 40 µA (<10 µA in disabled mode) |
| OSCILLATOR ENABLE | Open or Logic "1" |
| STORAGE TEMPERATURE | +225°C |
| OPERATIONAL LIFE | 1000 Hours at +200°C min |

High Temperature — Oscillator Specification Low Power, SMD 3.2x2.5 mm, 32.768 KHz Clock

MECHANICAL SPECIFICATIONS

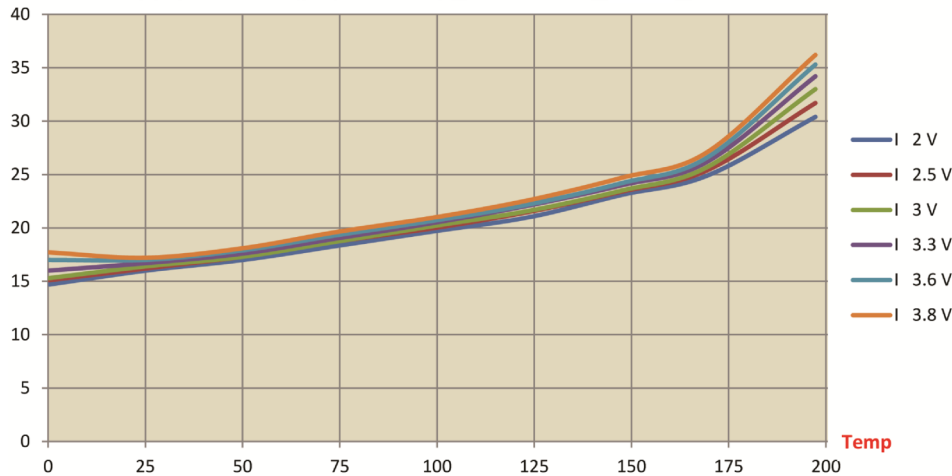
Dimensions: in/mm



PAD CONFIGURATION

| | |
|-------|----------------|
| Pad 1 | Output Enable |
| Pad 2 | Ground |
| Pad 3 | Output |
| Pad 4 | Supply V (Vcc) |

µA Supply Current (µA) vs. Temp_32.768KHz_3.2x2.5_041018



ppm Frequency Stability Range Vs. Temperature -40 to +200 C

