

## ALP5326

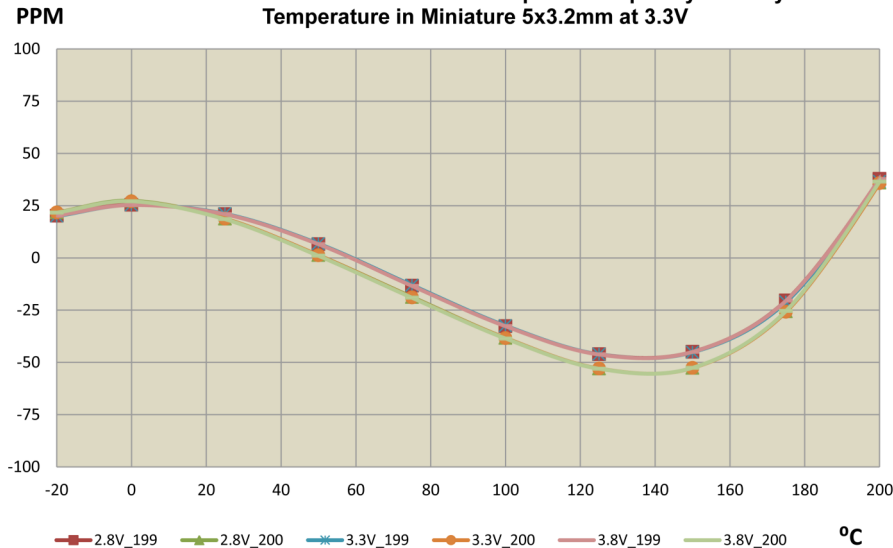
Actual Size



### High Accuracy, Low-power 5x3.2 mm SMD Crystal OSCILLATOR

ELECTRICAL SPECIFICATIONS	PARAMETER
OUTPUT FREQUENCY	32.768 KHz
SUPPLY VOLTAGE RANGE	+1.8 TO +3.8V
OPERATING TEMPERATURE RANGE	-55°C to +200°C
FREQUENCY STABILITY OVER TEMPERATURE	±75 ppm, -40°C to +200°C
OUTPUT LOGIC	CMOS, 15 pF load
SUPPLY CURRENT (3.3V & at +25°C)	20µA (<10 µA in disabled mode)
SUPPLY CURRENT (3.3V & at +200°C)	40 µA (<10µA in disabled mode)
OSCILLATOR ENABLE	Open or Logic "1"
STORAGE TEMPERATURE	+225°C
OPERATIONAL LIFE	1000 Hours at +200°C min

Low Power 32.768 KHz Clock offers Superior Frequency Stability vs. Temperature in Miniature 5x3.2mm at 3.3V

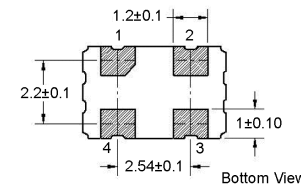
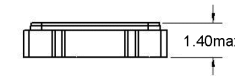
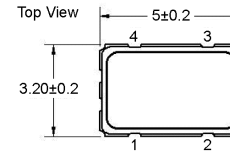


## High Temperature—Low Power—32.768 KHz XO Precision, 5x3.2 mm SMD Clock Specification

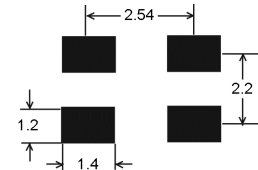
### MECHANICAL SPECIFICATIONS

Issue 3

Dimensions: mm



#### Recommended Land Pattern



Package type: 5x3.2 mm  
Ceramic SMD Package  
with 4 Gold Plated Pads  
Pb-free / RoHS Compliant

### MARKING

Line 1	FMI, Part Number
Line 2	Date Code & S/N
Line 3	Pin 1 ID, ESD ID

### PAD CONFIGURATION

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

µA 32k768\_Supply Current (µA) vs. Temp\_5X3.2, Precision Xtal

