



FREQUENCY MANAGEMENT INTERNATIONAL

HLP5326

Actual Size



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

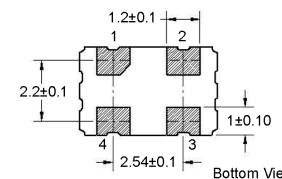
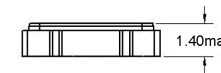
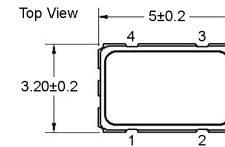
ELECTRICAL SPECIFICATIONS	PARAMETER
OUTPUT FREQUENCY	32.768 KHz
SUPPLY VOLTAGE RANGE	1.2 TO 3.8V
OPERATING TEMPERATURE RANGE	-55°C to +200°C
FREQUENCY STABILITY OVER TEMPERATURE	±175 ppm, -40°C to +200°C
OUTPUT LOGIC	CMOS, 15 pF load
SUPPLY CURRENT (3.3V & at +25°C)	9 µA (<8 µA in disabled mode)
SUPPLY CURRENT (3.3V & at +200°C)	18 µA (<8 µA in disabled mode)
OSCILLATOR ENABLE	Open or Logic "1"
STORAGE TEMPERATURE	+230°C
OPERATIONAL LIFE	1000 Hours at +200°C min

High Temperature—Low Power—32.768 KHz XO Small, 5x3.2 mm SMD Oscillator Specification

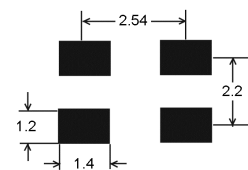
Issue 4

MECHANICAL SPECIFICATIONS

Dimensions: mm



Recommended Land Pattern



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

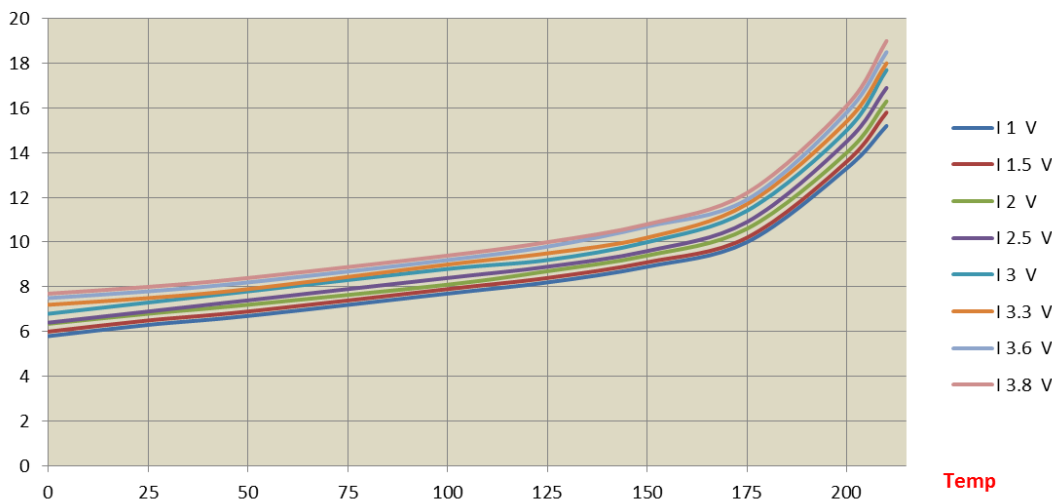
MARKING

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 Supply Current (µA) vs. Temp_32.768KHz_5X3.2



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

