

ALP7506



High Temperature—Low Power—32.768 KHz XO Precision, 5x7 mm SMD Clock Specification ALP7506

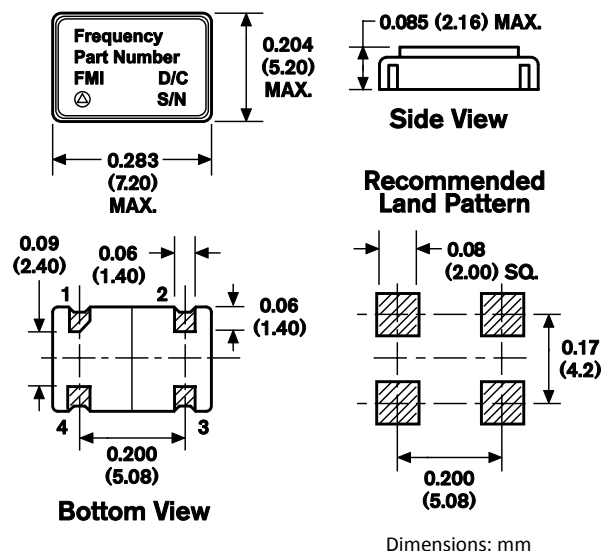
MECHANICAL SPECIFICATIONS

Issue 1

Package type: 5x7 mm Ceramic SMD Package with 4 Gold Plated Pads
Pb-free / RoHS Compliant

High Accuracy, Low-power 5x7 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



MARKING	
Line 1	Frequency
Line 2	Part Number
Line 3	FMI Logo & Date Code
Line 4	Pin 1, ESD ID & Serial #

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

Low Power 32.768 KHz Clock offers Superior Frequency Stability vs. Temperature in Miniature 5x7 mm at 3.3V

