



# 4.0 x 2.5mm 32.768kHz Oscillator

Pb-Free & RoHS Compliant

Stability		Operating Conditions	
Model	Stability	Operating Temperature	-20°C to +70°C
AEL SWP1	-120 ~ +10ppm (-20~+70°C)	Storage Temperature	-55°C to +125°C
		Supply Voltage (VDD)	+3.3V ±5%
			+1.3 ~ +5.5V available

Parameter	Condition	Specifications
Input Current ( $I_{DD}$ )	+3.3V, no load	1.2uA Max
Output Level	15pF, +25°C	1 = 0.4V Max; 0 = Vdd-0.4V Min
Symmetry	50% Vdd, 15pF	40/60%
Rise/fall time	15pF	200ns max
Standby Current	+25°C	250nA max
Driving Ability	CMOS	15pF
Start-up Time	3.3V, +25°C Vdd = +1.3 ~ +5.5V, +25°C	1s max 3s max

All specifications are subject to confirmation with samples & may change without notice

## Dimensions (mm)

