



32.768KHz CMOS OSCILLATOR IN 5x3.2 mm SMD PACKAGE : XO53-32K768-B30B3

FEATURES

- RoHS Compliant (Pb-Free), Industry Standard Pin-out Spacing
- Fundamental Crystal Design with Divided Circuit
- Tri-state Enable/Disable Standard
- Leadless Chip Carrier (LCC) Ultra Small Package (5 x 3.2 x 1.1 mm)

SPECIFICATIONS

Frequency	32.768 KHz
Input Voltage (Vcc)	B = +3.3 VDC ±10%
Input Current	1 mA Maximum
Storage Temperature	-55°C to 125°C
Overall Frequency Stability	30 = ±30 ppm
Temperature Range	B = -40°C to 85°C
Electric Option (Symmetry)	3 = Tristate 55/45% duty cycle
Output Load	CMOS 15 pF Maximum
Logic "1" / Logic "0" Level	Vcc - 0.4V Minimum / 0.4Vcc Maximum
Rise/Fall Time (Tr/Tf)	160 ns Typ (1000 ns Max)
Start-up time	3 ms Maximum
Tristate Function	Input (Pin 1) High (> 0.7Vcc) or open: Output (Pin 3) active Input (Pin 1) Low (< 0.3Vcc): Output disabled in high impedance
Output Disabled Time	2000 ns Maximum
Output Enable Time	2000 ns Maximum
Stand-by Current	0.01 mA Maximum

OUTLINE DRAWING

