

OSCILLATOR SBXO - 26

APPLICATIONS

32.768KHz / Time-Base oscillator

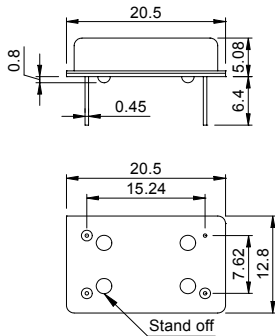
DIP PACKAGE

PICTURE
AREA

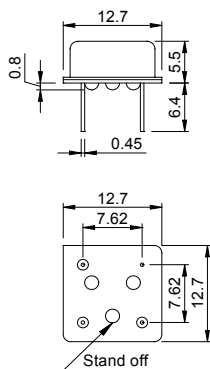
- ▶ RTC
- ▶ Main board
- ▶ Microprocessor
- ▶ High reliability and precision

OUTLINE DIMENSIONS

< FULL SIZE / 14 PIN DIP >



< HALF SIZE / 8 PIN DIP >



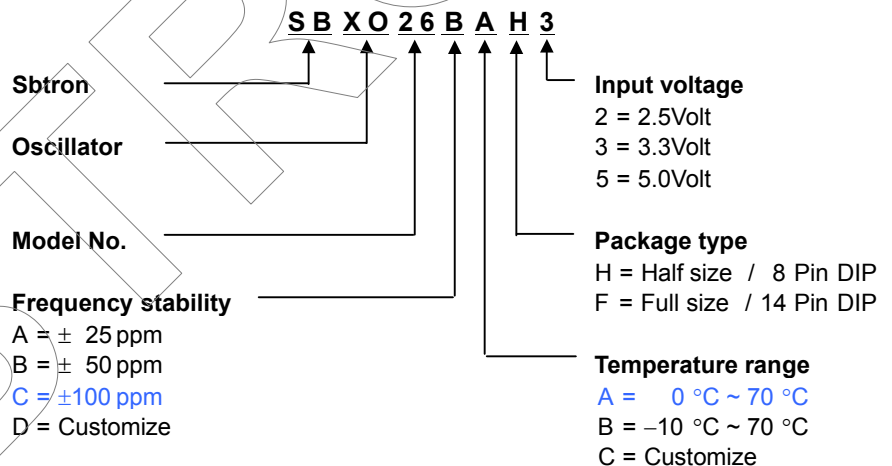
ELECTRICAL SPECIFICATIONS

Frequency range	32.768 KHz		
Frequency stability	±25ppm	±50ppm	±100ppm
	Inclusive of operating temperature		
Operating temperature range	0 °C ~ 70 °C		
Storage temperature range	-40 °C ~ 105 °C		
Input voltage	+2.5Vdc ±0.3V	+3.3Vdc ±0.3V	+5.0Vdc ±0.5V
Input current	200uA max.	1mA max.	5mA max.
"0" / "1" level	+0.4V max. / +3.0V min.	+0.5V max. / +4.5V min.	
Duty ratio	45/55% or 55/45% (typical)		
Rise & Fall time	30nS / 15nS max. at +5.0Vdc (+0.5Vdc to +4.5Vdc)		
	20nS / 10nS max. at +3.3Vdc (+0.4Vdc to +2.4Vdc)		
Fan out	15pF		
Aging (at 25 °C)	±10ppm / year max.		

ENVIRONMENTAL & MECHANICAL SPECIFICATIONS

Shock	MIL-STD-883C, Method 2002, Condition B
Vibration	MIL-STD-883C, Method 2007, Condition A
Solderability	MIL-STD-883C, Method 2003
Seal integrity	MIL-STD-883C, Method 1014, Condition C & A2
Marking	MIL-STD-202F, Method 215

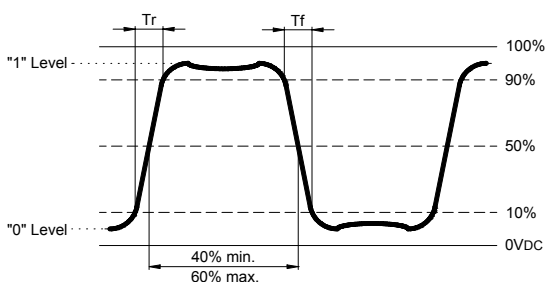
PART NUMBERING GUIDE



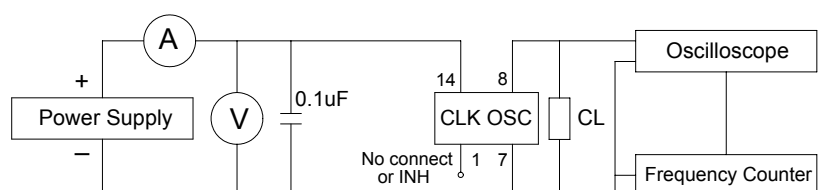
Standard specifications for product indicated in **BLUE** character

Specifications subjects to change without notice & If you need other specifications, Contact our factory.

WAVE FORM



TEST CIRCUIT



NOTES : (1) CL ... 15pF INCLUDES ALL STRAY AND SCOPE / CTR. LOADING CAPACITANCE