



## ◆ OSC 32.768KHz Low power consumption Series(低功耗)



### FEAYURES

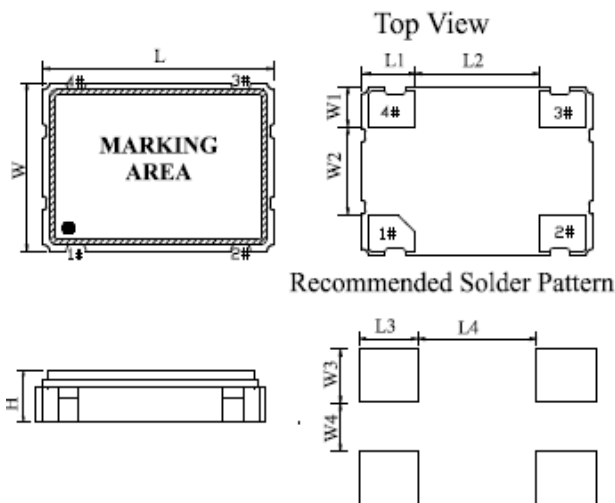
- 32.768KHz output SPXO-IC for AT-cut crystal
- Tri-State Enable/Disable
- TTL/HCMOS compatible
- 3.3V ,2.5V,1.8V option

### ◆标准规格Electrical Specific

parameter	Condition	OSC5032/3225/2520
标准频率Frequency Range		32.768MHz
常温频差Frequency Stability	All Condiyion	±20ppm, ±50ppm ±100ppm
工作温度Operating Temperature Range		-20℃~+70℃(-40℃~+85℃ option)
储存温度Storage Temperature Range		-55℃~+125℃
工作电压Power supply Voltage		3.3V、2.5V、1.8V +/-10%
工作电流Supply Current		7uA Max
占空比Output Symmetry	At 1/2V <sub>DD</sub>	40/60%(45/55%Option)
上升时间Rise Time	10% V <sub>DD</sub> ~10% V <sub>DD</sub>	10 nS Max
下降时间Fall Time	90% V <sub>DD</sub> ~10% V <sub>DD</sub>	10nS Max
高电平High output voltage		90% V <sub>DD</sub> Min
低电平Low output voltage		10% V <sub>DD</sub> Max
输出模式Output Load HCMOS		15PF TYP
起振时间Start Time		10mS Max
年老化率Aging(First Year)	25℃±3℃	±2ppm Msx
抖动 Jitter		200pSec Max.
包装packing Unit		3000pcs/reel

\*Include:25℃ tolerance,operating temperature range input voltage change, aging, load ,change shock and vibration

### ◆外型尺寸Mechanical Dimensions(mm)



Pin	Connction
#1	Tri-State
#2	GND
#3	Output
#4	VDD

Prudoct	L	W	H	L1	L2	L3	L4	W1	W2	W3	W4
OSC5032	5.00	3.20	1.30	1.83	1.34	1.40	1.14	1.00	1.20	1.20	1.00
OSC3225	3.20	2.50	1.20	1.00	1.20	1.20	1.00	0.75	1.00	0.95	0.80
OSC2520	2.50	2.00	0.90	0.80	0.90	1.00	0.70	0.70	0.60	0.90	0.40



