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# SPECIFICATION FOR APPROVAL

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Product Type: **SPXO 3.2x2.5**

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Product Frequency: **25.000MHz**

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JY P/N: **JYSP32S4-025.00000-CC44C0**

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Customer P/N:

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Customer Confirmation:

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Approve:	Check:	Draw: WQY
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广州晶优电子科技有限公司  
Guangzhou Crestal Electronic Technology Co., Ltd.



## 1. Feature

- Metal sealing reaches high reliability
- Low current and wide frequency range
- Small size and ultra-thin

## 2. Summary

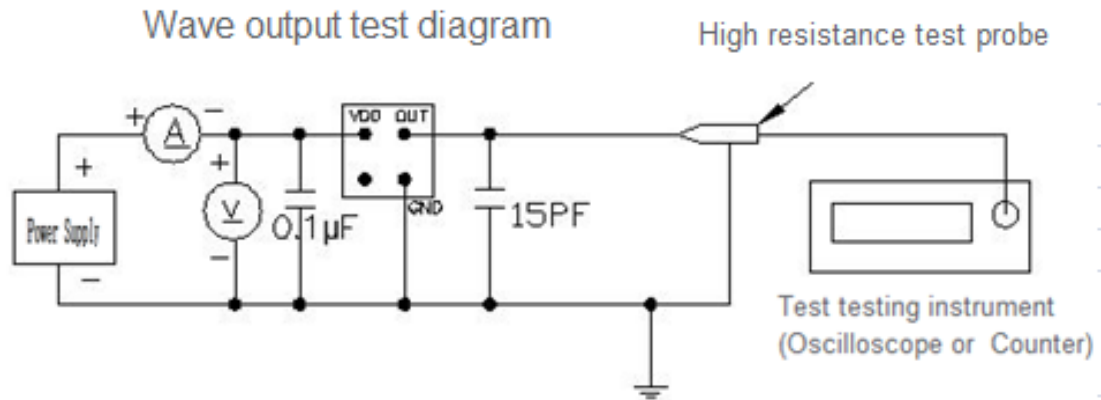
Parameter	Min	Typ.	Max	Unit	Condition
Output Frequency	25.000			MHz	—
Operating Temperature	-40	—	85	°C	High temperature and low temperature equipment
Storage Temperature	-55	—	125	°C	—

Notes: 1. The counter (HP53132) can be used to test out frequency.  
2. Testing is conducted in room temperature 25 + 2 °C.

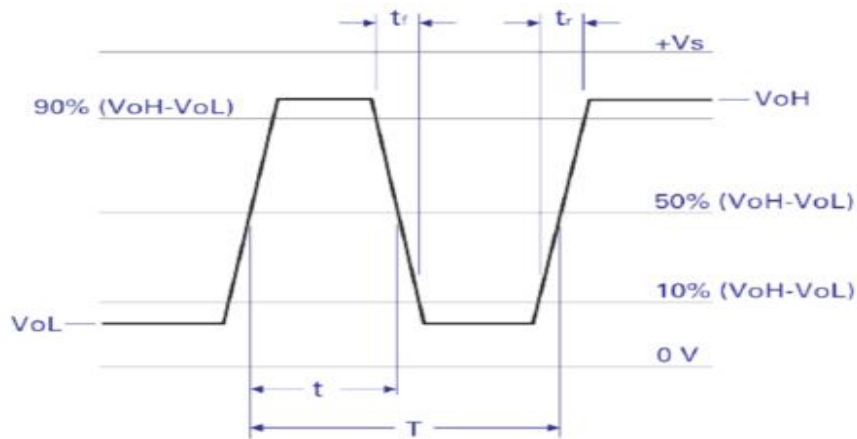
## 3. Specification

NO.	Item		Legend	Min	Typ.	Max	unit	Condition
1	Output Frequency		F0	25.000			MHz	—
2	Input	Supply Voltage	Vdd	3.14	3.3	3.47	V	—
3	Output	Level Output Voltage	Vol max, Voh min	CMOS			—	—
		Load Capacitance	RL	—	15	—	PF	—
		1 Level Output Voltage	Voh	2.97	—	—	V	—
		0 Level Output Voltage	Vol	—	—	0.33	V	—
		Rise time	Tr, Tf	—	—	10	ns	—
		Symmetry	DT	45	—	55	%	—
5	Frequency Stability	Frequency Tolerance	$\Delta f/f$	-25	—	25	ppm	25°C±3°C
		Frequency Stability Over Temperature	$\Delta f/f$	-25	—	25	ppm	Refer to25°C
		Ageing	Fag	-3	—	3	ppm	The First Year
		Start-up Time	ST	—	—	5	ms	—
6	Tri-state Function	Output Enable/Disable	E/D	Pin#1			—	—
		Enable Level	Vhi	2.31	—	—	V	—
		Disable Level	Vlo	—	—	0.99	V	—

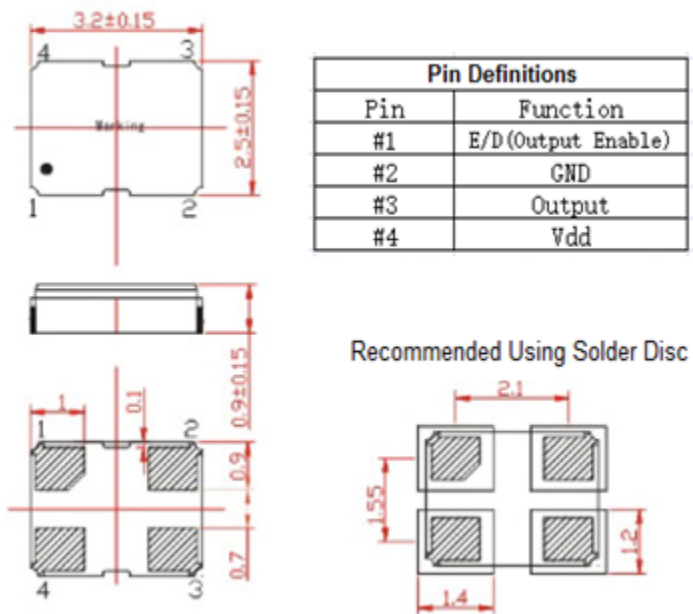
#### 4. Measurement Circuit



#### 5. Output Wave



## 6. Dimensions



Note: pin#1 can be connected to 1 level voltage or not connected to enable output.

## 7. Marking

25.000  
•Y XXXX

## 8. Packaging

Tape and Reel Package