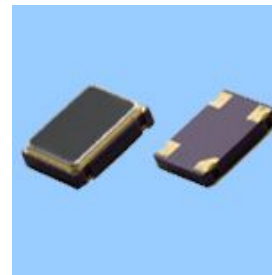


OSC70504P-25.000MHZ

Features

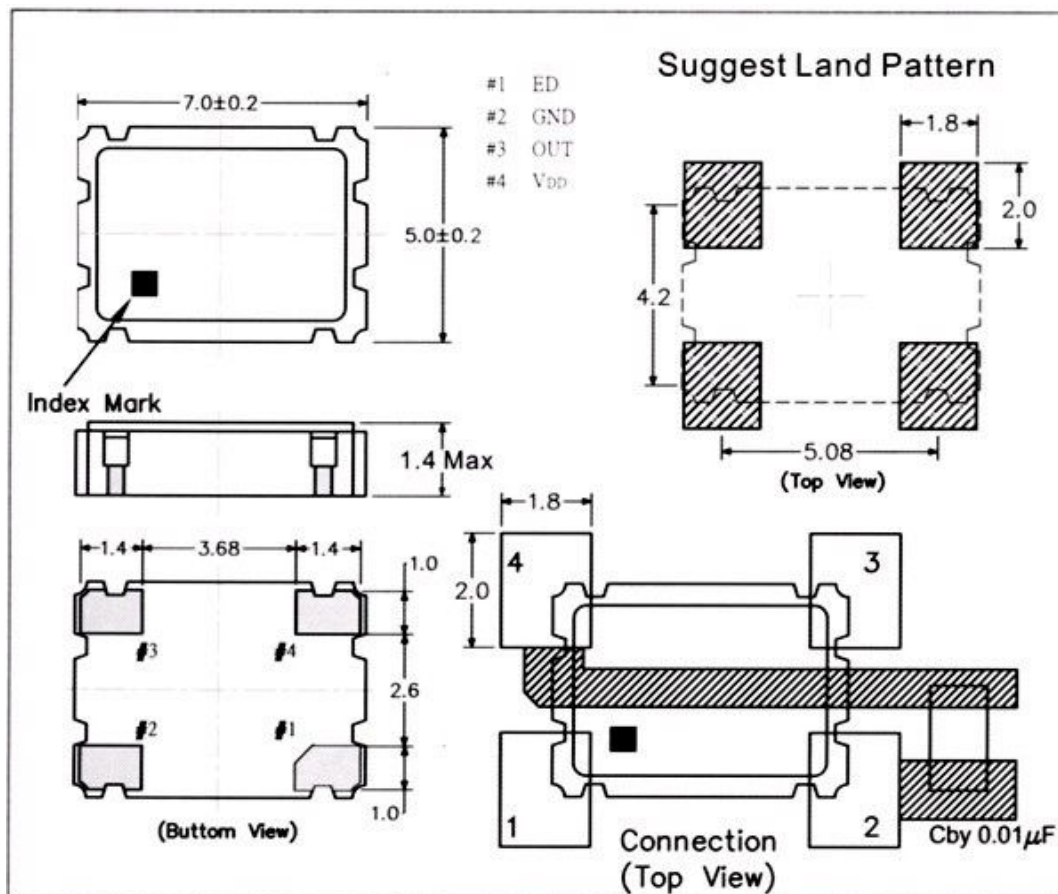
- Low power supply voltage(1.8V)
- LVPECL output level.
- Supports a WIDE FREQUENCY RANGE(32.768KHZ to 160 MHZ)
- Low phase jitter:Max,1ps
- Compact with dimensions of 7.0*5.0*1.4mm.



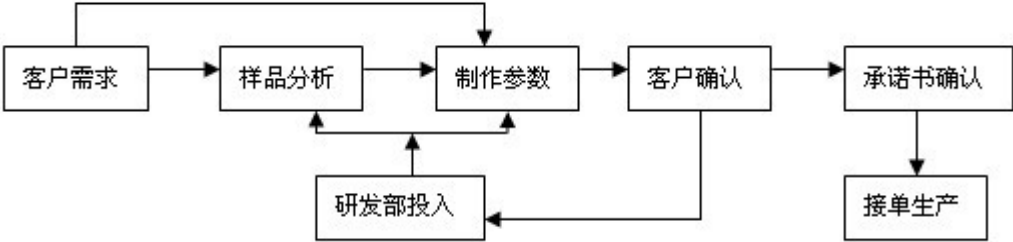
Specifications

项目Item		技术Specifications
频率范围Freq. Range		25.000MHZ
频率稳定性Frequency Stabilityu		±10PPm, ±20PPm ±30PPm, ±50PPm
工作温度Operaing Temp		-10℃ to 60℃ -20℃ to 70℃ -40℃ to 85℃
储存温度Storage Temp		-40℃ to 85℃ -55℃ to 125℃
输入电压Input		+5Vdc±10% or +3.3Vdc±5% +1.8Vdc±3%
占空比 Symmetry		40/60 Standard
输出Output Load		10 TTL or 15PF HCMOS
消耗电流	Current Consumption 15pf only) (5.0V)	1.000MHZ - 36.000MHZ = 25mA max
		36.000MHZ - 70.000MHZ = 60mA max
		70.000MHZ - 150.000MHZ = 80mA max
	Current Consumption 15pf only) (1.8V, 2.5V, 2.85V, 3.3V)	1.000MHZ - 36.000MHZ = 20mA max
		36.000MHZ - 70.000MHZ = 40mA max
		70.000MHZ - 150.000MHZ = 60mA max
上升/下降时间Rise/Fall Time		10nS max

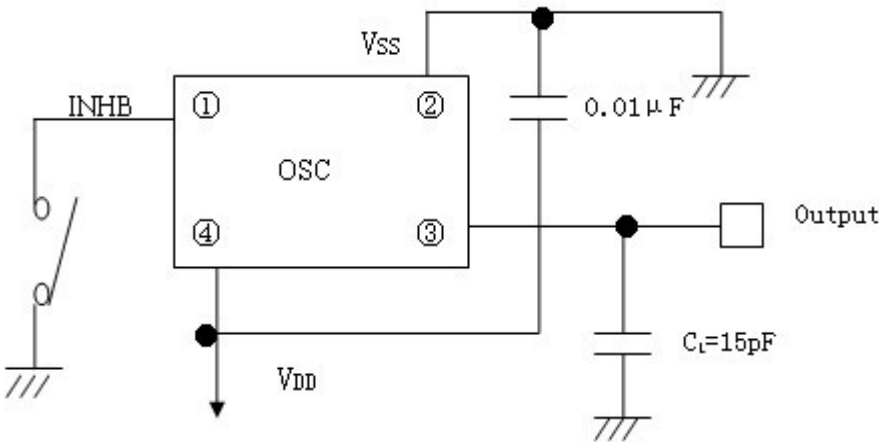
Dimensions



Ordering Information



使用电路图和引出端功能说明

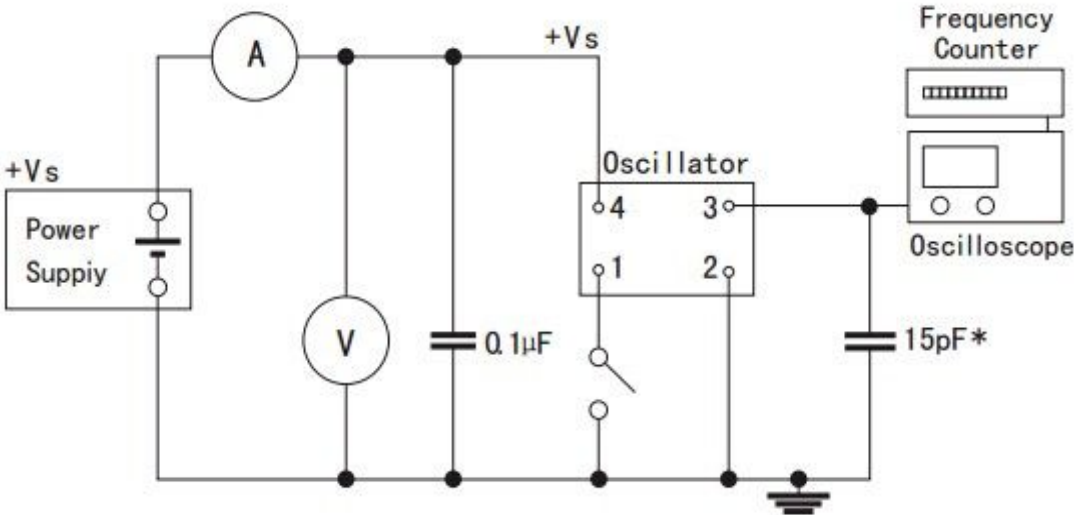


引脚	1	2	3	4
功能	输出状态控制/NC	地VSS	输出QOUT	电源VDD

输出控制端INHB	"H" 高电平或开路OPEN	"L" 低电平（三态）
输出Qout	振荡器正常输出	高阻抗

注意：输出状态控制端INHB（三态端）不能接地，否则振荡器呈高阻抗

测试电路图

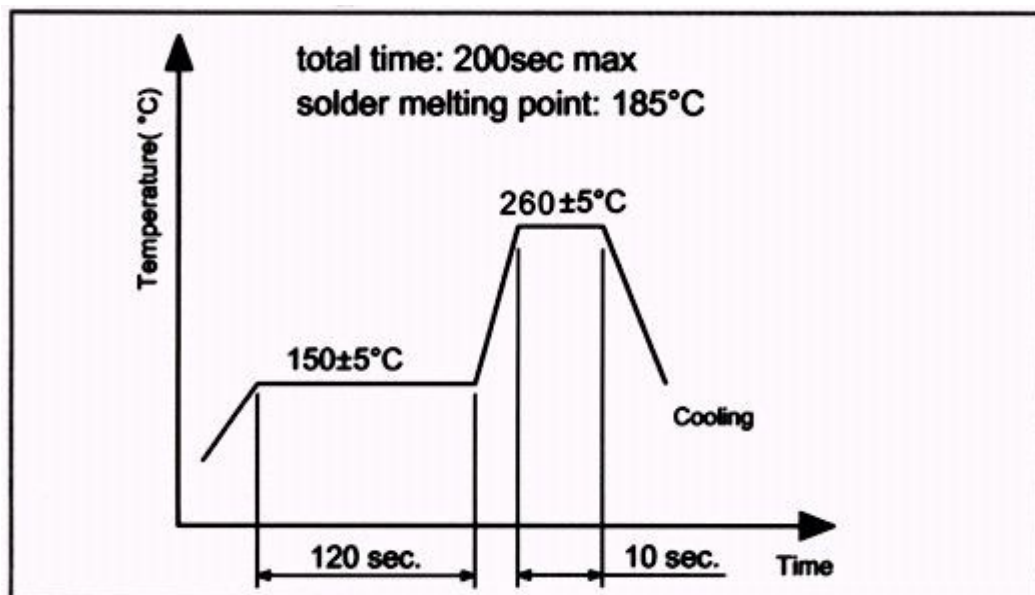




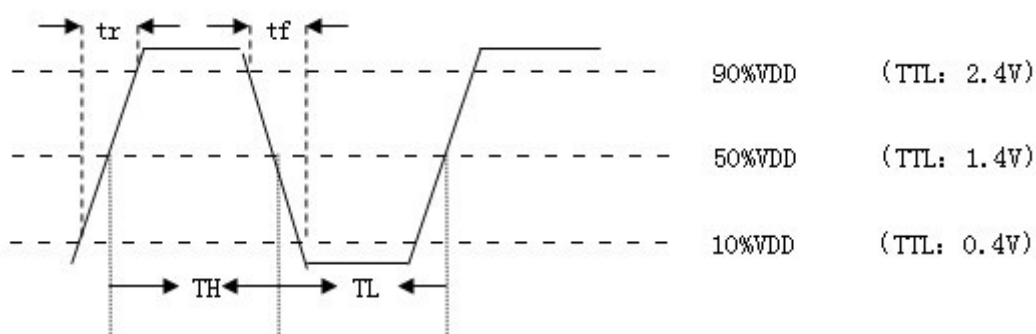
深圳市亿晶振业电子有限公司

Shenzhen Yijingzhenye Electronics Co., LTD

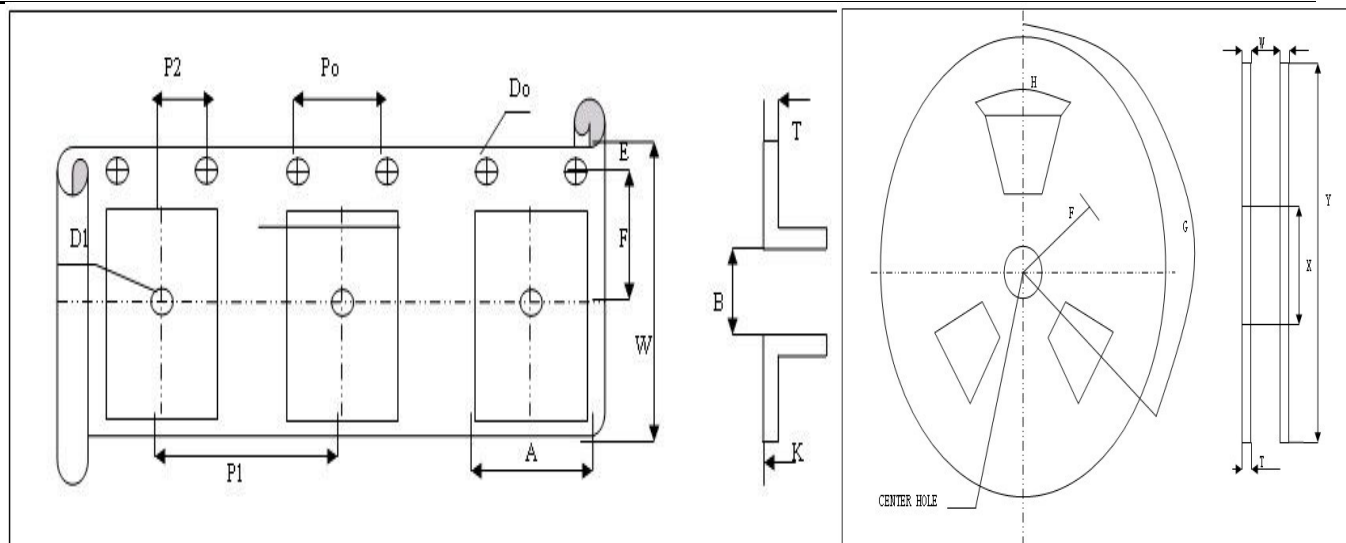
■ Reflow Condition



■ 输出波形图



■ 编带尺寸图TAPE:



Symbol		A	B	Do	D1	E	Unit
DIMENSION	7*5	5.5	7.5	1.5	1.5	1.75	
Symbol		K	Po	P1	P2	T	Unit
DIMENSION	7*5	1.9	4	8	2	0.3	
Symbol		H	F	G	W	T	Y
Dimension	7*5	40°	21±0.8	120	17.5	2	250