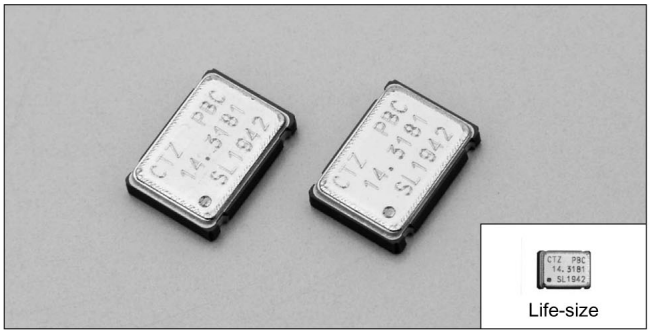
PROGRAMMABLE OSCILLATORS (SMD • Ceramic Package)

RoHS Compliant Standard

CSX750P SERIES

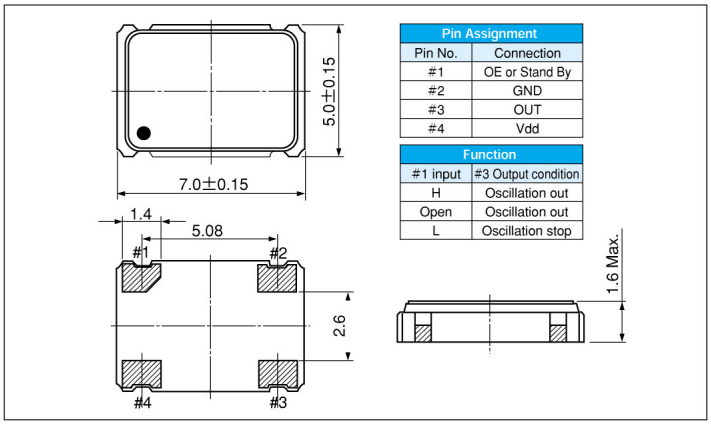
2000pcs/reel



■FEATURES

- Wide range of Output frequency by PLL technology.
- Quick sample delivery and short lead time in mass production.
- Automatic mounting and reflowable Type.
- Low current consumption with output enable function (OE) or stand by function (STAND-BY).
- Complete Pb free products.
- Suitable for various applications such as communication devices, AV devices, automotive devices and measuring instruments.

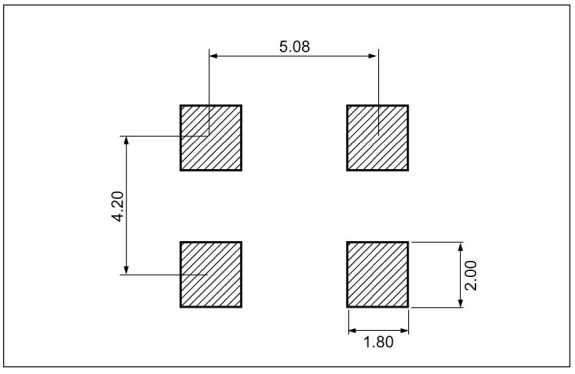
■DIMENSION [mm]



Pin Assignment	
Pin No.	Connection
#1	OE or Stand By
#2	GND
#3	OUT
#4	Vdd

Function	
#1 input	#3 Output condition
H	Oscillation out
Open	Oscillation out
L	Oscillation stop

■SOLDER PAD LAYOUT [mm]



■STANDARD SPECIFICATIONS

*Model is determined by the selection for the output enable or stand-by function, the frequency stability and the supply voltage.

Item \ Model	OE	CSX750 PT(*)	CSX750 PC(*)	CSX750 PB(*)
	STAND-BY	CSX750 PK(*)	CSX750 PD(*)	CSX750 PJ(*)
Frequency Range		1.000MHz ～ 125.000MHz		1.000MHz～100.000MHz
Supply Voltag		Vdd : 5.0V±0.5V		Vdd : 3.3V±0.3V
Frequency Stability (*)		C : ±100ppm(−20℃～+70℃), B : ±50ppm(−20℃～+70℃), F : ±100ppm(−40℃～+85℃)		
Operating Temperature Range		−40℃～+85℃		
Storage Temperature Range		−55℃～+125℃		
Current consumption		45mA Max.		25mA Max.
Duty	TTL level (1.4V)	45～55%	—	
	CMOS level (1/2 Vdd)	—	45～55%	
Output Voltage	V_{OH}	0.9Vdd Min.		0.9Vdd Min.
	V_{OL}	0.4V Max.		0.1Vdd Max.
Output Load	TTL	5TTL Max.	—	—
	CMOS	—	25pF Max.	15pF Max.
Rise and Fall Time	tr, tf	4 nsec Max.		
Start-up time		10 msec Max.		
Input Voltage	V_{IH}	2.0V Min.		0.7Vdd Min.
	V_{IL}	0.8V Max.		0.2Vdd Max.
Disable current		30mA Max.		15mA Max.
Stand-by current		50 μA Max.		20 μA Max.