Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

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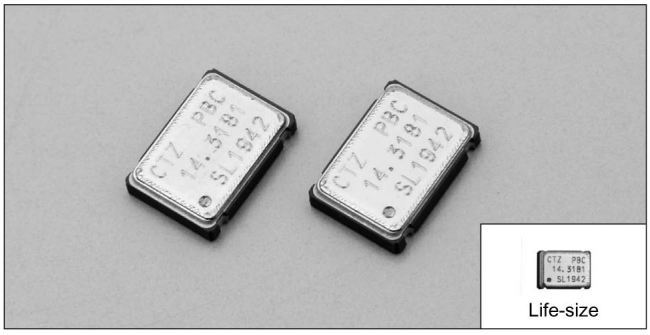
PROGRAMMABLE OSCILLATORS (SMD • Ceramic Package)

RoHS Compliant Standard

CSX750P SERIES

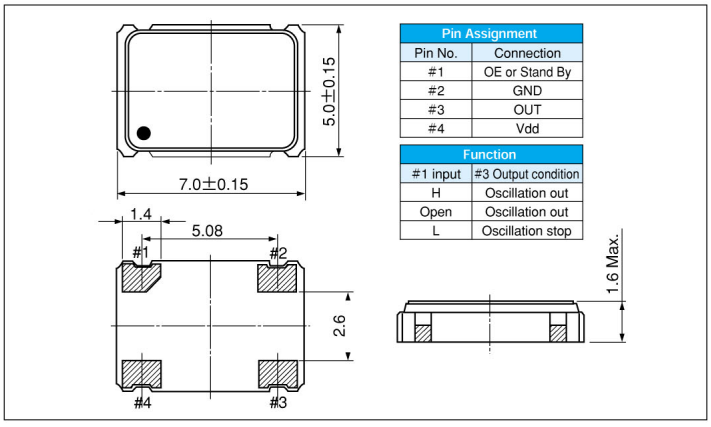
2000pcs/reel



■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.

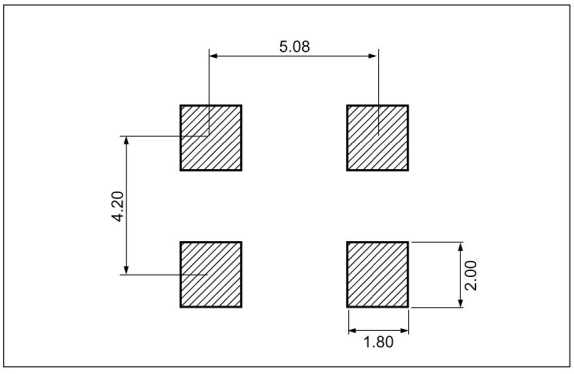
■DIMENSION [mm]



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.