



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!



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CRYSTAL CLOCK OSCILLATORS (SMD • Ceramic Package)

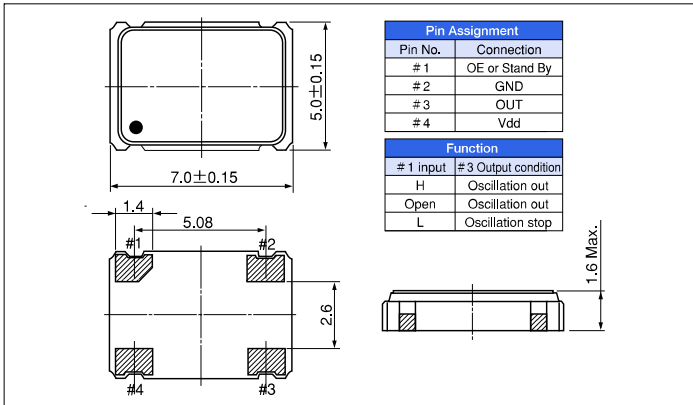
RoHS compliant **CSX-750F SERIES** 2000pcs/reel



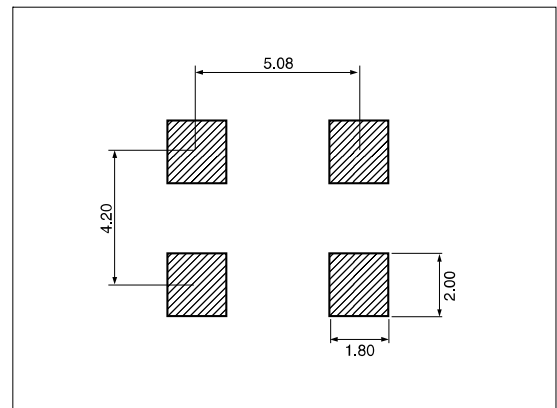
FEATURES

- Available to supply voltage 5.0V or 3.3V.
- Low current consumption with output enable function (OE) or stand by function (STAND-BY).
- Suitable for various applications such as communication devices, AV devices and measuring instruments.

DIMENSION [mm]



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	CSX-750 FC (*)		CSX-750 FB (*)	CSX-750 FJ (*)
		STAND-BY				
Frequency Range			1.8432MHz~39.999MHz	40.000MHz~75.000MHz	1.8432MHz~39.999MHz	40.000MHz~80.000MHz
Supply Voltage			Vdd : 5.0V±0.5V		Vdd : 3.3V±0.3V	
Frequency Stability		(*)	B : ±50ppm, C : ±100ppm, E : ±50ppm (−40°C~+85°C), F : ±100ppm (−40°C~+85°C)			
Operating Temperature Range			−20°C~+70°C (−40°C~+85°C)			
Storage Temperature Range			−55°C~+125°C			
Current consumption			25mA Max.	45mA Max.	15mA Max.	25mA Max.
Duty	TTL level (1.4V)		40~60%		—	
	CMOS level (1/2 Vdd)		45~55%			
Output Voltage	V _{OH}		0.9Vdd Min.			
	V _{OL}		0.4V Max.		0.1Vdd Max.	
Output Load	TTL		10TTL Max.		—	
	CMOS		50pF Max.		30pF Max.	30pF Max.
Rise and Fall Time			8 nsec Max.	6 nsec Max.	8 nsec Max.	6 nsec Max.
Start-up time			4 msec Max.	10 msec Max.	4 msec Max.	10 msec Max.
Input Voltage	V _{IH}		2.0V Min.			0.7Vdd Min.
	V _{IL}		0.8 V Max.		0.4V Max.	0.3Vdd Max.
Disable current			10mA Max.	20mA Max.	5mA Max.	—
Stand-by current			—			10 μA Max.