

CSX-750P series

(2,000pcs/reel)



■ FEATURES:

- Precision PLL technology enables up to 125MHz high frequency output.
- Quick delivery of specific frequency.
- Ultra-miniature low profile SMT package.
- Ceramic leadless chip carrier with seam-welded metal lid.
- Supply voltage 5.0V and 3.3V.
- Output enable function.
- Reflow soldering.
- Tape and reel packaging.

■ APPLICATIONS:

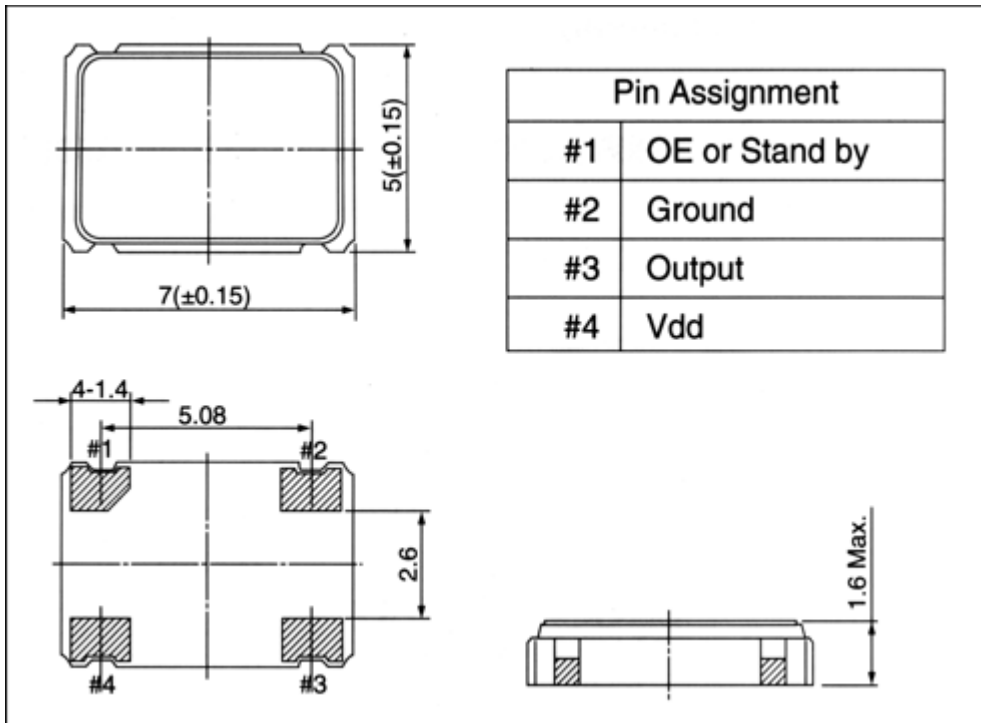
- Can be used for a wide range of applications including use in communication equipment, AV equipment, OA equipment and measuring instruments.

■ STANDARD SPECIFICATIONS

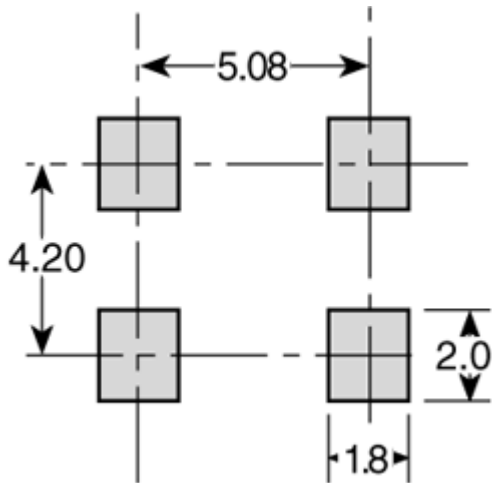
Item	OE	CSX-750PT(*)	CSX-750PC(*)	CSX-750PB(*)
	STAND-BY	CSX-750PK(*)	CSX-750PD(*)	CSX-750PJ(*)
Frequency range	1.000MHz to 125.000MHz			1.000MHz to 100.000MHz
Frequency stability	C:±100ppm B:±50ppm (-20°C to +70°C) F:±100ppm (-40°C to +85°C)			
Operating temperature range	-20°C to +70°C (-40°C to +85°C)			
Storage temperature range	-55°C to +125°C			
Supply voltage	VDD: 5.0V±0.5V			VDD: 3.3V±0.3V
Supply current	45mA Max.			25mA Max
Duty	TTL level(1.4V) CMOS level (VDD/2)	45% to 55% —	— 45% to 55%	
Output voltage	VOH VOL	2.4V Min 0.4V Max	VDD-0.4V Min 0.4V Max	
Output load	TTL	5TTL Max.	—	
Output load	CMOS	—	25pF Max.	15pF Max.
Rise & Fall time	TTL CMOS	tr, tf: 4nsec Max. —	— tr, tf: 4nsec Max.	
Start up time	10msec Max.			
Input (OE) voltage	VIH : 2.0V Min. VIL : 0.8V Max.			VIH : 0.7VDD Min. VIL : 0.2VDD Max.
Disable current	30mA Max.			15mA Max.
Stand-by current	50µA Max.			20µA Max.
Shock resistance	±20ppm MAX. (75cm height drop on hardwood board 3 times.)			

NOTE: Please contact us for availability of high output load.

■ DIMENSIONS: (UNIT=mm)



■ RECOMENDED SOLDERING PATTERN: (UNIT=mm)



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