

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:

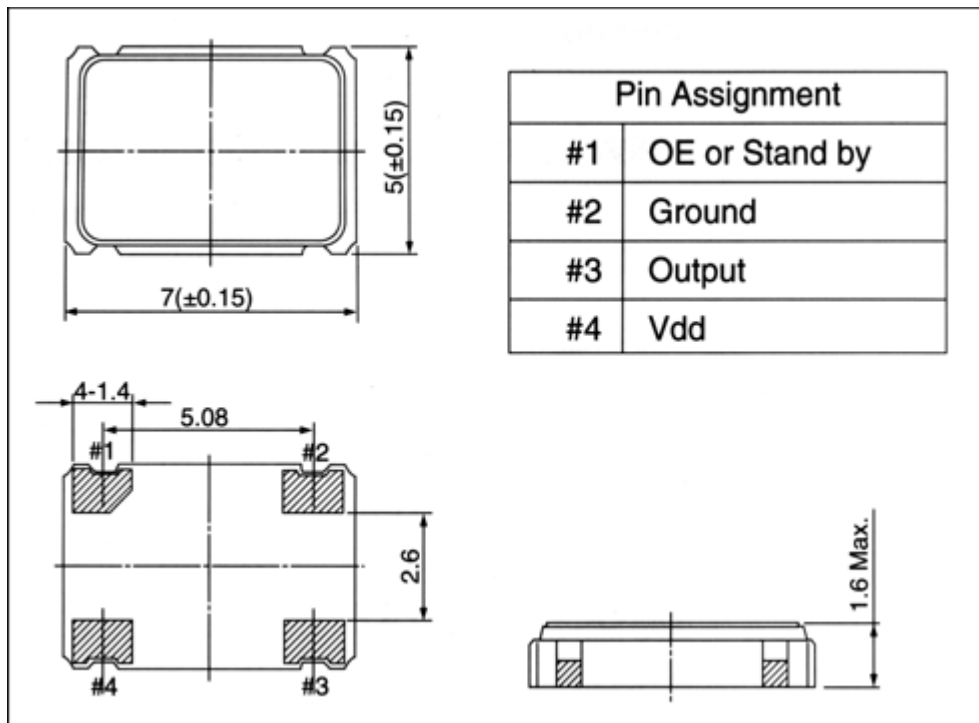
- Can be used for a wide range of applications including use in communication equipment, AV equipment, OA equipment and measuring instruments.

■ STANDARD SPECIFICATIONS

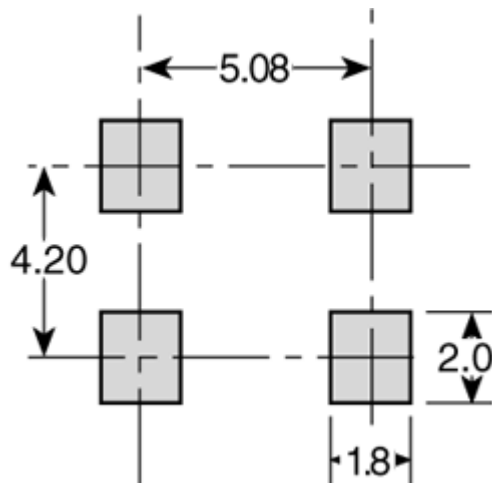
Item	OE	CSX-750PT(*)	CSX-750PC(*)	CSX-750PB(*)
	STAND-BY	CSX-750PK(*)	CSX-750PD(*)	CSX-750PJ(*)
Frequency range		1.000MHz to 125.000MHz		1.000MHz to 100.000MHz
Frequency stability		C:±100ppm B:±50ppm (-20°C to +70°C) F:±100ppm (-40°C to +85°C)		
Operating temperature range		-20°C to +70°C (-40°C to +85°C)		
Storage temperature range		-55°C to +125°C		
Supply voltage		V _{DD} : 5.0V±0.5V		V _{DD} : 3.3V±0.3V
Supply current		45mA Max.		25mA Max
Duty	TTL level(1.4V) CMOS level (V _{DD} /2)	45% to 55% —	— 45% to 55%	
Output voltage	V _{OH} V _{OL}	2.4V Min 0.4V Max	V _{DD} -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		V _{IH} : 2.0V Min. V _{IL} : 0.8V Max.		V _{IH} : 0.7V _{DD} Min. V _{IL} : 0.2V _{DD} 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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