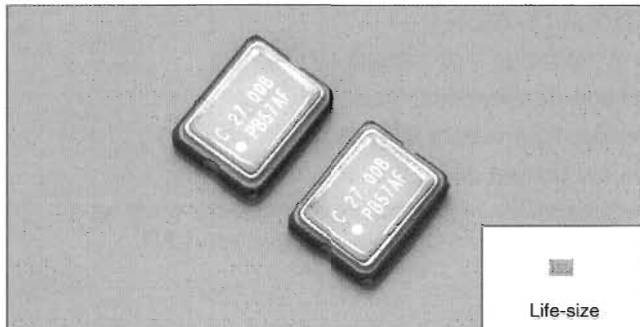


CSX-325P SERIES

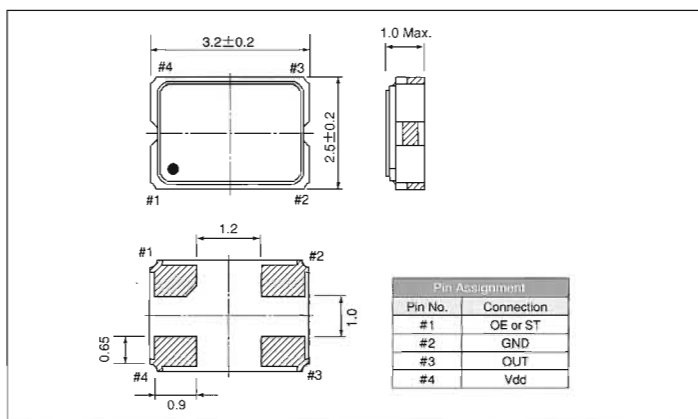
2000pcs/reel



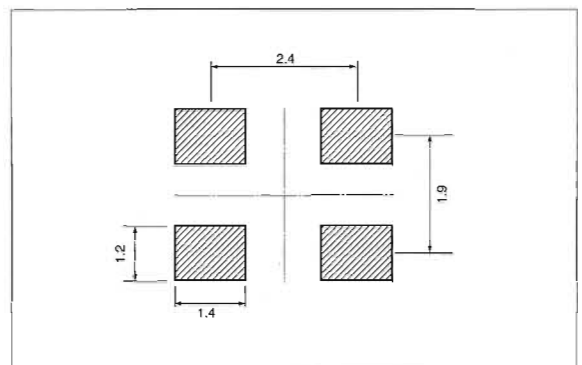
FEATURES

- 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).
- Suitable for various applications such as communication devices, AV devices, automotive devices and measuring instruments.

DIMENSION [mm]



SOLDER PAD LAYOUT [mm]



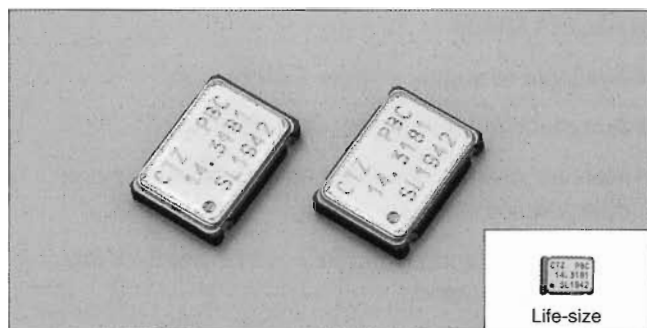
STANDARD SPECIFICATIONS

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

Item	Model	OE	CSX-325 PC (*)	CSX-325 PB (*)
		STAND-BY	CSX-325 PD (*)	CSX-325 PJ (*)
Frequency Range			1.000MHz ~ 125.000MHz	
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	(No load)		40mA Max.	25mA Max.
Duty	CMOS level (1/2 Vdd)		40~60%	
Output Voltage	V _{OH}		Vdd−0.4V Min.	
	V _{OL}		0.4V Max	
Output Load			CMOS 15pF Max.	
Rise and Fall Time	0.2Vdd↔0.8Vdd		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.	
Aging (first year)			±2ppm / year Max.	

CSX-750P SERIES

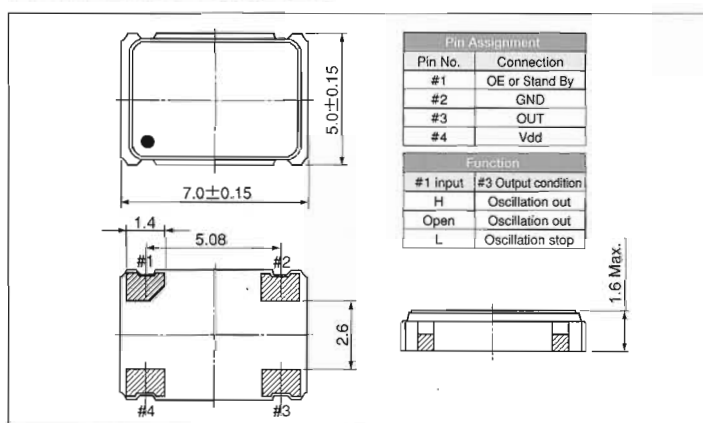
2000pcs/reel



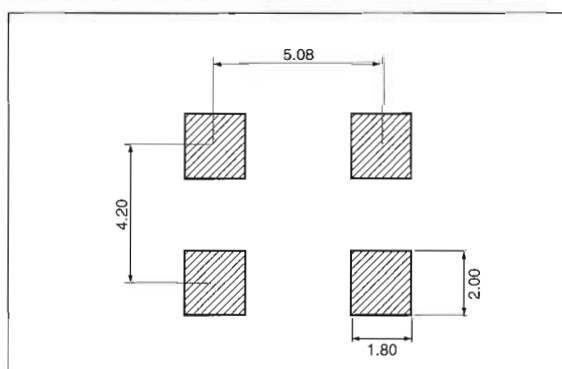
FEATURES

- 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).
- Suitable for various applications such as communication devices, AV devices, automotive 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.

Model		OE	CSX-750 PT (※)	CSX-750 PC (※)	CSX-750 PB (※)
Item		STAND-BY	CSX-750 PK (※)	CSX-750 PD (※)	CSX-750 PJ (※)
Frequency Range			1.000MHz ~ 125.000MHz		1.000MHz~100.000MHz
Supply Voltage			Vdd : 5.0V±0.5V		Vdd : 3.3V±0.3V
Frequency Stability (※)			B : ±50ppm, C : ±100ppm, E : ±50ppm(−40℃~+85℃), F : ±100ppm(−40℃~+85℃)		
Operating Temperature Range			−20℃~+70℃ (−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	VOH		0.9Vdd Min.		
	VOL		0.4V Max.		0.1Vdd Max.
Output Load	TTL		5TTL Max.	—	
	CMOS		—	25pF Max.	15pF Max.
Rise and Fall Time	0.2Vdd⇔0.8Vdd		4 nsec Max.		
Start-up time			10 msec Max.		
Input Voltage	VIH		2.0V Min.		0.7Vdd Min.
	VIL		0.8V Max.		0.2Vdd Max.
Disable current			30mA Max.		15mA Max.
Stand-by current			50 μA Max.		20 μA Max.