

CRYSTAL CLOCK OSCILLATORS (SMD • Ceramic Package)

RoHS compliant

CSX-750F SERIES

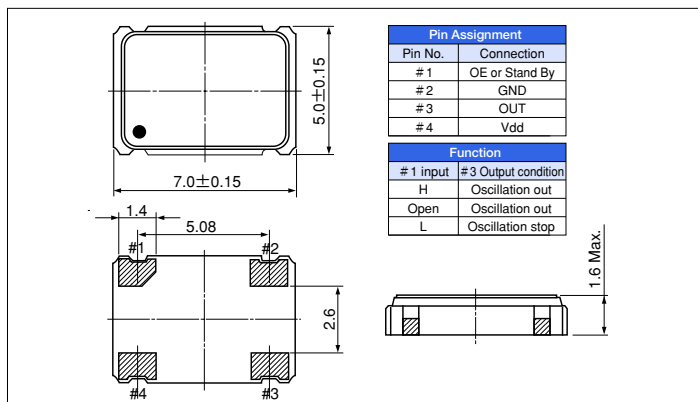
2000pcs/reel



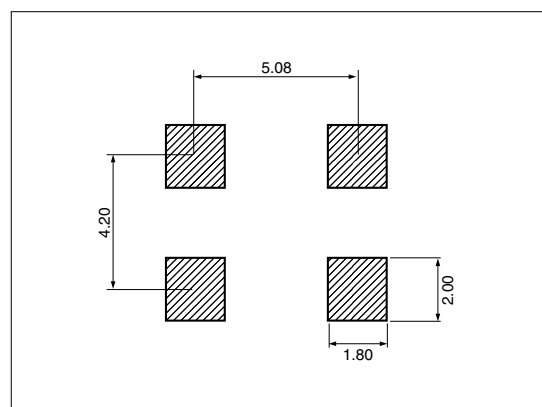
FEATURES

- 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 (※)	
		STAND-BY				CSX-750 FJ (※)
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℃~+ 85℃), F : ±100ppm (− 40℃~+ 85℃)			
Operating Temperature Range			−20℃~+70℃ (−40℃~+85℃)			
Storage Temperature Range			−55℃~+125℃			
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.

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