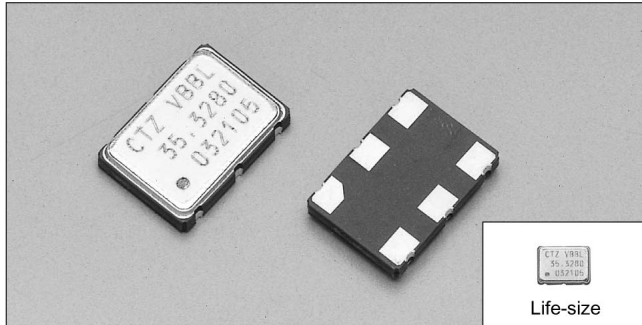


VOLTAGE CONTROLLED CRYSTAL OSCILLATORS (SMD • Ceramic Package)

RoHS Compliant Standard

CSX750V SERIES

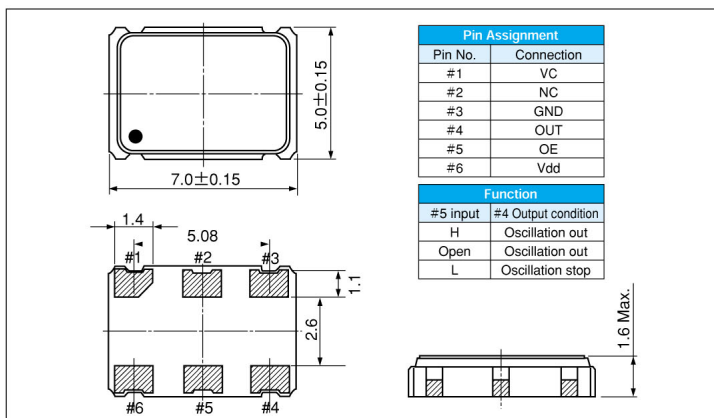
2000pcs/reel



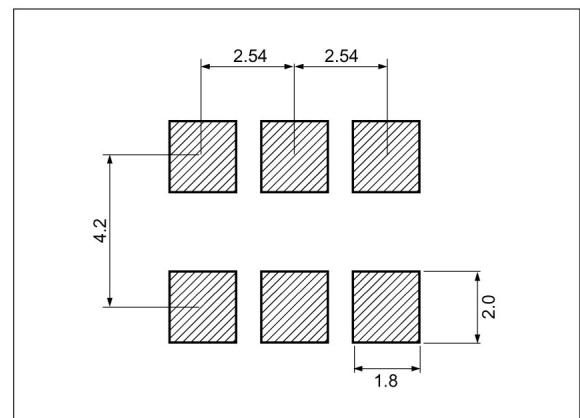
FEATURES

- Available to Supply Voltage 5.0V or 3.3V.
- Automatic mounting and reflowable Type.
- Complete Pb free products.
- Most appropriate for communication devices and other equipment.
- Output enable function (OE) can be used for low power consumption.

DIMENSION [mm]



SOLDER PAD LAYOUT [mm]



STANDARD SPECIFICATIONS

* Model is determined by the supply voltage and the frequency stability.

Item	Model	CSX750 VC(*)	CSX750 VB(*)
Frequency Range		2.000MHz ~ 40.000MHz	
Supply Voltage		Vdd : 5.0V±0.5V	Vdd : 3.3V±0.165V
Frequency Stability	(*)	B : ±50ppm (−10°C~+70°C), E : ±50ppm (−40°C~+85°C)	
Operating Temperature Range		−40°C~+85°C	
Storage Temperature Range		−45°C~+90°C	
Pulling range		±100ppm Min. / Vc=2.5±2.0V	±90ppm Min. / Vc=1.65±1.65V
Frequency control voltage		2.5±2.0V (at 25°C)	1.65±1.65V (at 25°C)
Current consumption		30mA Max.	11mA Max.
Linearity		10% Max.	
Duty	TTL level (1.4V)	45~55%	—
	CMOS level (1/2 Vdd)	45~55%	45~55%
Output Voltage	V _{OH}	Vdd−0.4V Min.	
	V _{OL}	0.4Vdd Max.	
Output Load	TTL	2TTL Max.	—
	CMOS	30pF Max.	30pF Max.
Rise and Fall Time	(tr,tf)	6 nsec Max.	
Start-up time		4 msec Max.	
Modulation band width		10kHz Min. (Gain−3dB)	
Phase Noise		−120dBc/Hz Max. (Offset 1kHz)	