

PROGRAMMABLE OSCILLATORS (SMD • Ceramic Package)

RoHS compliant / Pb free

SSX-750P SERIES

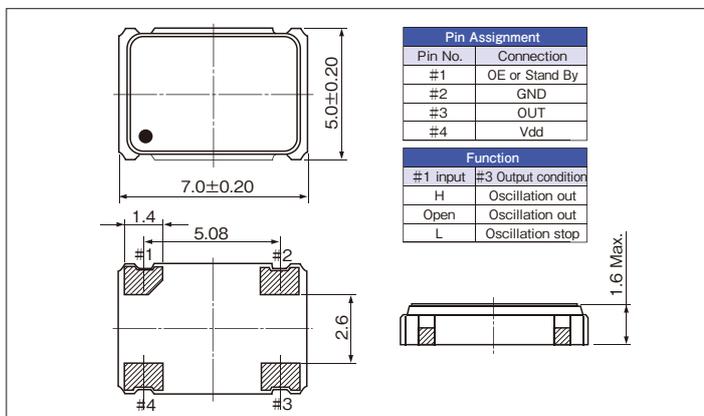
2000pcs/reel



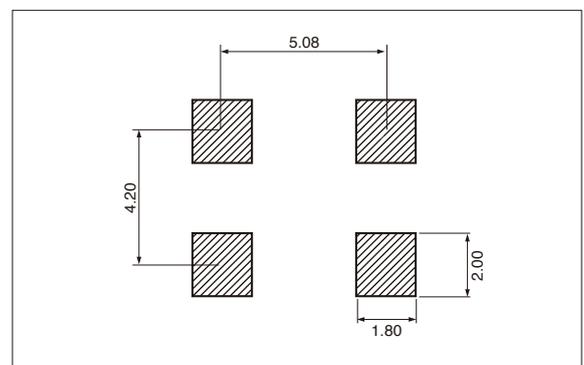
FEATURES

- Wide range of output frequency by PLL technology.
- Quick sample delivery and short lead time in mass production.
- 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	SSX-750 PT (*)	SSX-750 PC (*)	SSX-750 PB (*)
		STAND-BY	SSX-750 PK (*)	SSX-750 PD (*)	SSX-750 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			45mA Max.		28mA Max.
Duty	TTL level (1.4V)		40~60%	-	
	CMOS level (1/2 Vdd)		-	40~60%	
Output Voltage	V _{OH}		Vdd-0.4V Min.		
	V _{OL}		0.4V Max.		
Output Load	TTL		5TTL Max.	-	
	CMOS		-	25pF Max.	15pF Max.
Rise and Fall Time			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.		16mA Max.
Stand-by current			50 μA Max.		