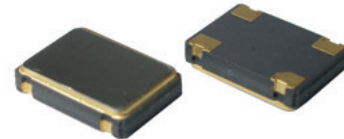


SX5SR TRUE SINE WAVE SURFACE MOUNT CRYSTAL CLOCK OSCILLATOR

FEATURES

- Standard miniature package
- High purity and low total harmonic distortion.
- Applications : Audio modulation

5.0 x 3.2 x 1.3 mm



Item	Specification
Frequency Range	10 MHz ~ 30 MHz
Output Logic	True Sine Wave
Overall Frequency Stability *	± 20 ppm ~ ± 100 ppm (see options)
Operating Temperature Range	0 ~ +70 °C commercial application (see options) -40 ~ +85 °C industrial application (see options)
Supply Voltage Vdd	+2.8V ±5% +3.3V ±5% +5.0V ±5%
Supply Current Idd	1.0 mA 1.2 mA 1.5 mA
Output Level	1.0V p-p typical
Output Load	10 kOhm // 10pF
Harmonics	<-25 dBc (frequency dependent)
Sub-Harmonics	None
Tri-state function	No Tri-state option
Start-up Time	2 ms typ.
Packing Unit	1000pcs / reel
Soldering Condition	260 °C , 10 sec x2 max
	Customer specifications on request

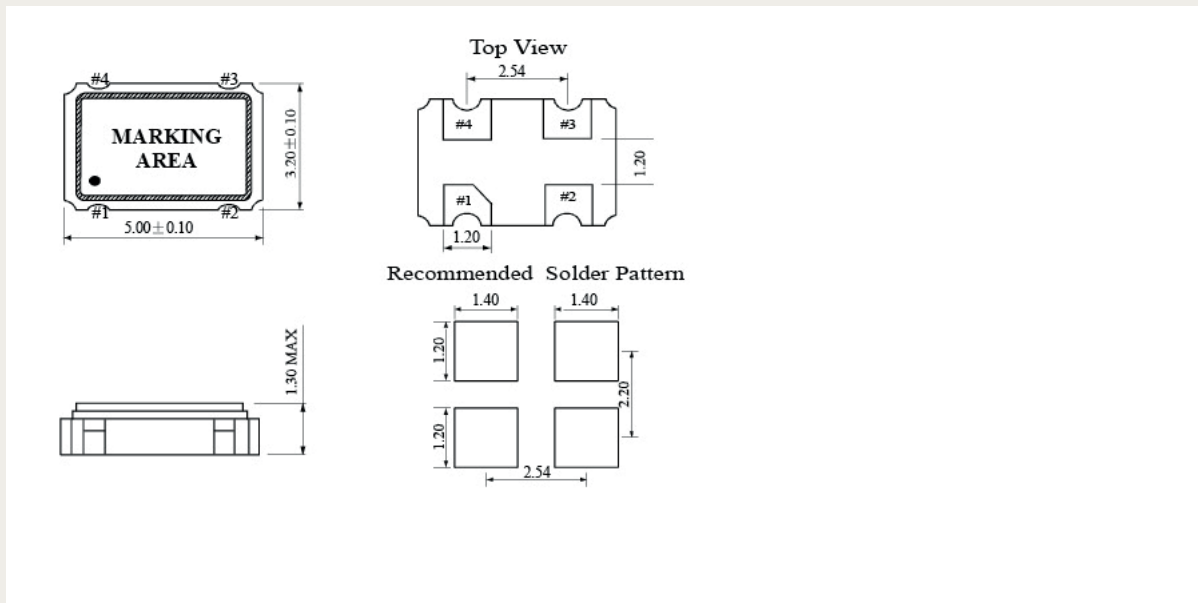
(*) Includes initial tolerance @+25 °C , stability over operating temperature , stability vs. load change , stability vs. supply change and one year aging

OPTIONS & ORDERING INFORMATION

SX5SR MHz
Supply Voltage *	Operating Temp. *	Overall Stability *	Tri-state Function	Frequency in MHz
28 = +2.8V	E = 0° / +70 °C	20 = ±20 ppm	F = no Tri-state	Please specify the frequency in Mhz
33 = +3.3V	F = -20 °C / +70 °C	25 = ±25 ppm		
50 = +5.0V	K = -40 °C / +85 °C	30 = ±30 ppm		
		50 = ±50 ppm		
		100 = ±100 ppm		

(*) Note : Not all combinations are possible , please consult us.

OUTLINE DIMENSIONS



Pin Connections	#1 : NC	#2 : GND	#3: Output	#4 : Vdd
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