

Datasheet

SX5SR

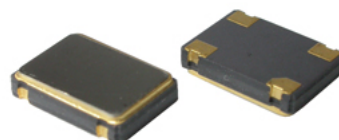
TRUE SINE WAVE

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 1.2 mm



Item	Specification		
Frequency Range	10.0 MHz ~ 52.0 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

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..... 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		

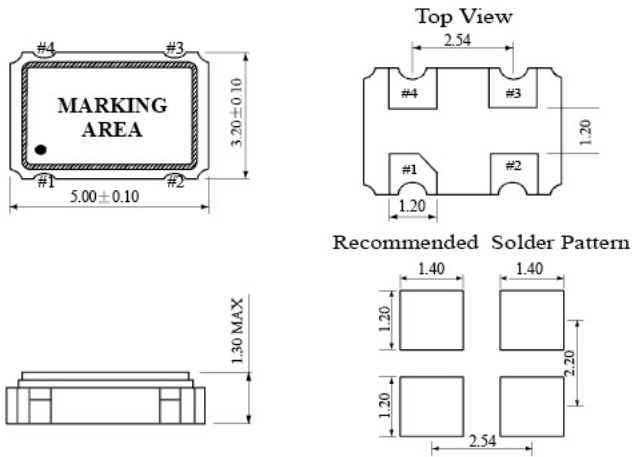
(*) Note : Not all combinations are possible , please consult us.

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OUTLINE DIMENSIONS



Pin Connections

#1 : NC

#2 : GND

#3 : Output

#4 : Vdd