



KXO-CL Series Crystal Clock Oscillator

CMOS Drive - CMOS Compatible - f_o : 60Hz to 8MHz

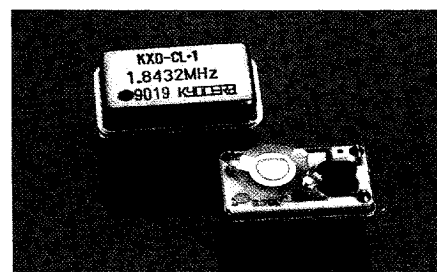
FEATURES

- 1) Low frequency range
(60 Hz to 8 MHz)
- 2) Low current consumption is ideal
for battery operated equipment
- 3) Binary output frequency is optional
- 4) All metal package minimizes RF
radiation
- 5) Meets FCC EMI specifications

HOW TO ORDER

KXO-CL 1-S -1.8432M

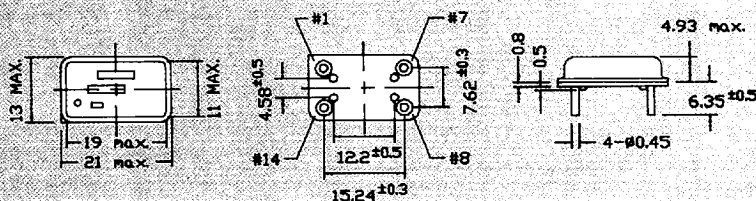
- ① Type (Kyocera Crystal Oscillator)
② Frequency precision: 0 = ± 50 ppm
1 = ± 100 ppm
③ Duty Cycle:
Nil = 40 to 60% ($1/2$ V_{CC} level)
S = 45 to 55% ($1/2$ V_{CC} level)
④ Frequency



SPECIFICATIONS: (KXO-CL)

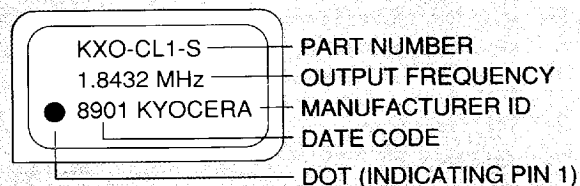
Classification		Code	Rating	Unit	Remarks
Output Frequency		f_{out}	60 to 8M	Hz	CL=30pF Max
Frequency Precision		$\Delta f/f$	0: ± 00	ppm	0 to 70°C
			1: ± 100	ppm	4.5V to 5.5V
Operating Temperature Range		T_{opr}	0 to +70	°C	
Voltage		V_{cc}	5 $\pm$ 0.25	V	
Electrical Current Consumption		I_{cc}	4 Max	mA	
Output	Duty Cycle	S_y	45 to 60	%	1/2 V_{cc} level
			45 to 55 (option)	%	Below 4 MHz 1/2 V_{cc} level
	"0" Level	V_{OL}	.1 V_{cc} Max	V	I_{OL} = 0.5 mA
	"1" Level	V_{OH}	0.9 V_{cc} Min	V	I_{OH} = 80 μ A
	Rise and Fall Time	T_R, T_F	50 Max	nsec	10% V_{cc} to 90% V_{cc}
Fan Out			LS TTL 1 gate		

DIMENSIONS:



units: mm

MARKING:



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