

• CO-11 Series

FEATURES

- 10TTL Output Load
- 14 Pin Full Size
- Industry Standard
- Wide Frequency Range
- Low Cost
- Resistance Weld Package

The CO-11 series oscillator is TTL compatible and features fast rise/fall times with high reliability at low cost. The metal package with pin#7 case ground acts as shielding to minimize EMI radiation.



ELECTRICAL SPECIFICATIONS

Parameter	Condition	CO-11	
Frequency Range	Fo	0.5MHz~150.00MHz	
Frequency Stability*	All Condition*	±25ppm, ±50ppm, ±100ppm	
Operating Temperature Range	T _{OPR}	0°C ~ 70°C (-40°C ~ +85°C option)	
Storage Temperature Range	T _{STG}	-55°C ~ +125°C	
Power Supply Voltage	V _{DD}	5.0V ±10%	
Aging (First Year)	25°C ±3°C	±5ppm	
Supply Current	I _{DD}	0.5MHz to 23.999MHz	15mA Max
		24.000MHz to 69.999MHz	30mA Max
		70.000MHz to 150.000MHz	60mA Max
Output Symmetry	Sym	At 1.4V	40/60% (45/55% Option)
Rise Time	T _r	0.4V ~ 2.4V	5 nS Max
Fall Time	T _f	2.4V ~ 0.4V	5 nS Max
Output Voltage	V _{OH}		2.4V min
	V _{OL}		0.4V max
Output Load	TTL Load		1 ~ 10TTL
Start-up Time	T _s		10mS Max

*Include: 25°C tolerance, operating temperature range, input voltage change, aging, load change, shock and vibration

DIMENSIONS

Unit: mm

