



## Crystal Oscillator Specifications

Unit Name	Crystal Oscillator
Part Name	OSC-FULL
Date	November 8, 2005

Written by	Checked by	Approved by



Systron Inc.  
1274 - 3<sup>rd</sup> Avenue South  
Lethbridge, Alberta  
T1J 0J9 Canada

Phone: (403) 327-1444  
Fax: (403) 327-1480  
e-mail: [sales@systroninc.com](mailto:sales@systroninc.com)



## Description:

Resistance welded hermetic seal, terminal positions are compatible with Direct TTL/CMOS IC drive, possible through-hole package.

## Specifications

Frequency range (MHz)	1.0~17MHz	17~30MHz	30~60MHz	60~90MHz	90~125MHz
Frequency stability	$\pm 25\text{ppm}$ , $\pm 100\text{ppm}$				
Operating temperature	$-10\sim+70^{\circ}\text{C}$ , $-40\sim+85^{\circ}\text{C}$ , or specify				
Storage temperature	$-55^{\circ}\text{C}\sim 125^{\circ}\text{C}$				
Supply voltage	3.3v 5.0v	3.3v 5.0v	3.3v 5.0v	3.3v 5.0v	3.3v 5.0v
Input Current(ICC)	10mA 10mA	10mA 25mA	15mA 25mA	20mA 40mA	30mA 60mA
Output Load Capacitance	15pf (Standard)				
Rise & Fall Times	10ns Max.				
Symmetry	40~60%, 45~55%				

## Marking and Dimensions (mm)

