

- Low Profile SMD Package
- Hermetically Sealed
- Wide Frequency Range
- Custom Options Available



Electrical Specifications:

Frequency Range		1.544MHZ to 66.000MHZ			
Temperature Stability*		(See Part Number Guide for Options)			
Operating Temperature Range		(See Part Number Guide for Options)			
Storage Temperature Range		-40°C to +85°C			
Aging (+25°C ±3°C)		±5ppm for first year			
Supply Voltage ±10% (Vdd)		+1.80 VDC	+2.50 VDC	+3.30 VDC	+5.00 VDC
Supply Current	1.544MHZ to 9.999MHZ	6mA max	7mA max	8mA max	10mA max
	10.000MHZ to 34.999MHZ	7mA max	8mA max	10mA max	20mA max
	35.000MHZ to 49.999MHZ	15mA max	20mA max	25mA max	50mA max
	50.000MHZ to 66.000MHZ	25mA max	30mA max	35mA max	60mA max
Waveform		HCMOS			
Logic "0"		10% Vdd max			
Logic "1"		90% Vdd min			
Rise/Fall Time (10% to 90% of Supply Voltage)		4nSec			
Load		15pF			
Symmetry (50% of waveform)		(See Part Number Guide for Options)			
Start-up Time		10mSec max			
Absolute Clock Period Jitter		1pSec			
Tri-State Operation		Voh = 70% of Vdd min to Enable Output Vol = 30% max or grounded to Disable Output (High Impedance)			
Standby Current (only with "S" Option)		<7 Micro Amps			
* Inclusive of Temperature., Load and Voltage					

Output
H = HCMOS

Supply Voltage
1 = +1.8 VDC
2 = +2.5 VDC
3 = +3.3 VDC
5 = +5.0 VDC

Frequency Stability
020 = ±20ppm
025 = ±25 ppm
050 = ±50 ppm
100 = ±100 ppm

Symmetry
Blank = 40/60%
A = 45/55%

Operating Temperature
Blank = 0°C to +70°C
27 = -20°C to +70°C
48 = -40°C to +85°C

Packaging
Blank = Bulk
T = Tape and Reel

Pin 1 Connection
S = Standby
H = Tri-state

Mechanical Details

