



CSV1 / CSV2

Ceramic SMD Package

Parameters / Specifications

Parameters		Specifications	
Supply Voltage		5.0Vdc ± 5%	3.3Vdc ± 5%
Frequency Range		2.000 ~ 60.000MHz	
Operating Temperature Range		0°C ~ +70°C (STD), -40°C ~ +85°C	
Frequency Tolerance / Stability		±10, 20, 25, 50ppm	
Storage Temperature Range		-40°C ~ +85°C	
Frequency Deviation	2.5Vdc ± 2.0Vdc	±10, 30, 50, 100ppm Min.	
	2.5Vdc ± 2.5Vdc	±10, 30, 50, 100, 150ppm Min.	
	1.65Vdc ± 1.65Vdc	±10, 30, 50, 100, 150ppm Min.	
Input Current	2.000 ~ 20.000MHz	10mA Max.	10mA Max.
	20.001 ~ 40.000MHz	20mA Max.	15mA Max.
	40.001 ~ 60.000MHz	30mA Max.	25mA Max.
Load Drive Capacitance		15pF HCMOS	
Linearity		± 20, 15, 10, 5% (Option)	
Output Voltage Logic High (VoH)	w/HCMOS Load	90% of Vdd Min.	
Output Voltage Logic Low (VoL)	w/HCMOS Load	10% of Vdd Max.	
Duty Cycle		50 ± 10% (STD), 50 ± 5%	
Rise / Fall Time		5nsec Max.	
Aging @ +25°C		± 3ppm Max. per year	
Start up Time		10msec Max.	
Period Jitter (Absolute)		± 100ps Max.	
Period (One Sigma)		± 10ps Max.	

Mechanical Dimensions

