



# OSCILLATOR

## PSO

Plastic J-Lead SMD Package

### Parameters / Specifications

Parameters		Specifications	
Supply Voltage		5.0Vdc 10%	3.3Vdc 10%
Frequency Range		1.000 ~ 66.667MHz	
Operating Temperature Range		0°C~ +70°C (STD), -40°C~ +85°C	
Frequency Tolerance / Stability		±50, ±100ppm	
Storage Temperature Range		-55°C~ +125°C	
Input Current		23 ~ 50mA Max.	10 ~ 35mA Max.
Load Drive Capability		HCMOS / TTL	
Output Voltage Logic High(VoH)	w/TTL Load	2.4Vdc Min.	
	w/HCMOS Load	Vdd-0.5Vdc Min.	2.7Vdc Min.
Output Voltage Logic Low(VoL)	w/TTL Load	0.4Vdc Max.	
	w/HCMOS Load	0.5Vdc Max.	
Duty Cycle		50 ± 10%(STD), 50 ± 5%	
Rise / Fall Time		8nsec Max.(0.4V~2.4V/TTL, 20%~80%/HCMOS)	
Aging @+25°C		±3, ±5ppm Max. per year	
Start up Time	1.000 ~ 26.000MHz	4msec Max.	
	26.001 ~ 66.667MHz	10msec Max.	
Period Jitter (One Sigma)		±25ps Max.	

\*Programmable type is available (1.000 ~ 125.000MHz / 5.0V, 1.000 ~ 106.250MHz / 3.3V)

### Mechanical Dimensions

