



## OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

PARAMETERS	CONDITIONS	CSM-9			UNITS
		MIN	TYP	MAX	
Frequency Range		4.000		50.000	MHz
Frequency Tolerance	at +25°C			± 30	ppm
Frequency Stability	-20 to +70°C			± 30	ppm
Shunt Capacitance				5	pF
Load Capacitance	Specify in P/N	8	20	Series	pF
Drive Level				100	μW
Operating Temperature		-10		+70	°C
Storage Temperature		-55		+125	°C
Aging (Per Year)	@ +25°C ±3°C			±5	ppm

## EQUIVALENT SERIES RESISTANCE/MODE OF OSCILLATION

FREQUENCY RANGE (MHz)	MODE OF OSC	MAX ESR Ω	FREQUENCY RANGE (MHz)	MODE OF OSC	MAX ESR Ω
4.00 ~ 7.999	Fundamental	300	12.000 ~ 12.999	Fundamental	80
8.000 ~ 9.999	Fundamental	200	13.000 ~ 50.000	Fundamental	
10.000 ~ 11.999	Fundamental	100			

