

### O C X O - 1 2 3 □

[MODEL]  
OCXO-123□ :  
Oven controlled crystal oscillator

[FEATURES]

- Fast warm up
- High stability

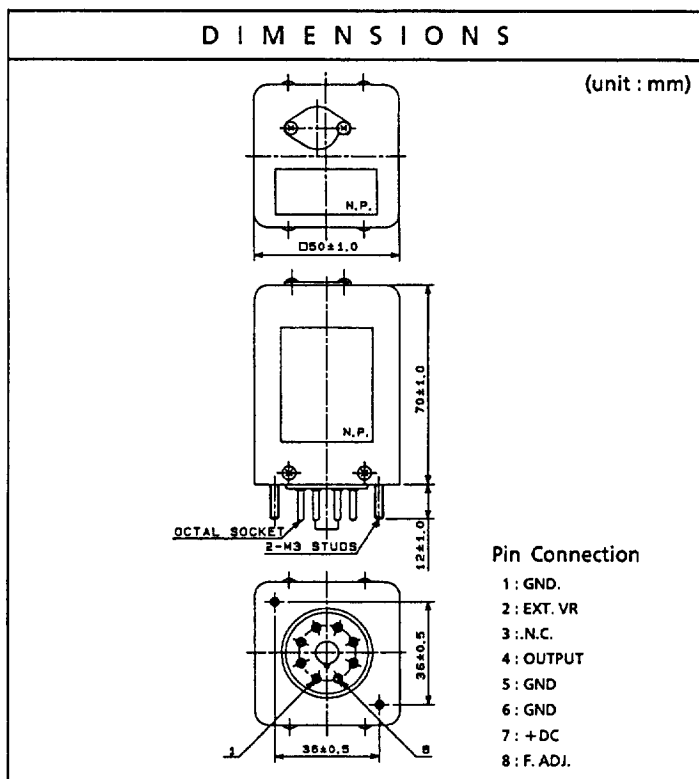
[TYPICAL APPLICATIONS]

- Standard oscillator

[STANDARD FREQUENCIES]

- 10 MHz

\* Please do not clean using  
any kind of liquid cleansing method.



[SPECIFICATIONS]

MODEL	OCXO-123A	OCXO-123B
Frequency	10MHz	
Storage temperature range	-20°C to +80°C	
Operating temperature range	-10°C to +60°C	
Frequency temperature characteristics (Reference at +25°C)	$\pm 5 \times 10^{-9}$ max. / -10°C to +60°C	$\pm 2 \times 10^{-9}$ max. / -10°C to +60°C
Frequency aging (After 48 hour operation at +25°C)	$\pm 1 \times 10^{-9}$ max. / Day $\pm 5 \times 10^{-8}$ max. / Year	$\pm 5 \times 10^{-10}$ max. / Day $\pm 2 \times 10^{-8}$ max. / Year
Supply voltage change	$\pm 1 \times 10^{-9}$ max. / +12.0V $\pm 10\%$	
Frequency tuning range	$\pm 3 \times 10^{-7}$ min. / (VS. internal trimmer) $\pm 5 \times 10^{-8}$ min. / (VS. External 10kΩ trimmer)	
Power supply	Voltage	+12.0V $\pm 10\%$
	Current	600mA max.
Output	Level	+5dBm min.
	Load	50Ω
Warm up characteristics	30 minutes to reach $\pm 1 \times 10^{-8}$ max. at 25°C compare to final frequency	

- ※ If specifications do not meet your requirements.  
We will design a unit to your requirements.
- ※ All specifications and details published are subject to change without notice.