

### O C X O - 1 1 9

[ MODEL ]

OCXO - 119:

Oven controlled crystal oscillator  
used the SC cut crystal.

[ FEATURES ]

- High stability.
- Low phase noise.
- Fast warm-up.

[ TYPICAL APPLICATIONS ]

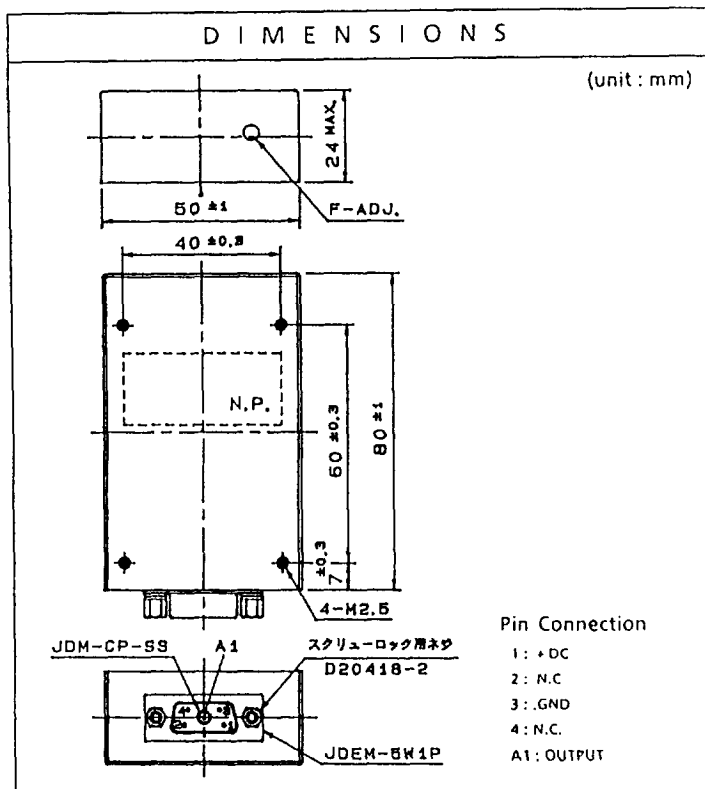
- Standard oscillator

[ STANDARD FREQUENCIES ]

- 10 MHz

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

[ SPECIFICATIONS ]



MODEL	OCXO - 119	
Frequency range	10 MHz	
Storage temperature range	- 20°C to + 80°C	
Operating temperature range	- 10°C to + 60°C	
Frequency temperature characteristics	$\pm 2 \times 10^{-8} \text{ max.} / - 10^\circ\text{C to } + 60^\circ\text{C}$ (Reference at + 25°C)	
Phase noise	1kHz: - 150dBc/Hz min.	
Frequency aging	$\pm 5 \times 10^{-8} \text{ max.} / \text{year}$ (After 72 hour operation at + 25°C)	
Supply voltage change	$\pm 5 \times 10^{-9} \text{ max.} / + 12.0\text{V} \pm 5\%$	
Frequency tuning range	$\pm 1 \times 10^{-7} \text{ min.} / (\text{VS. internal trimmer})$	
Power supply	Voltage	+ 12.0V $\pm$ 5%
	Current	500 mA max.
Output	Level	TTL : 30% to 70% at + 1.4V Point ( Square wave )
	Load	TTL 2
Warm-up characteristics	7 minutes to reach $\pm 1 \times 10^{-7} \text{ max.}$ at 25°C compare to final frequency	

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