

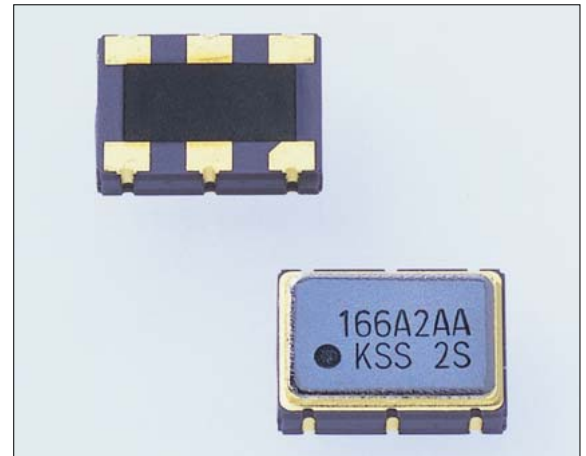
FSO-2D

Features

- C-MOS Output 3.3V.
- Operation at fundamental High Frequency.

Applications

- SONET/SDH.
- 1 Gbit Ethernet, 10Gbit Ethernet.
- Fiber Channel.



Original Size

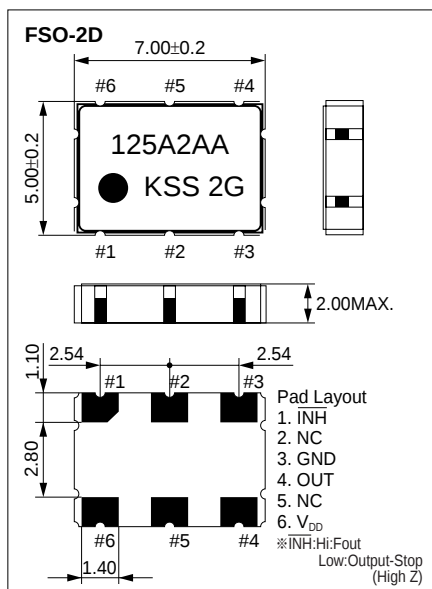
Specifications

Type	FSO-2D
Frequency Range	100~170MHz
Standard Frequency	Table 1
Frequency Stability	$\pm 100 \times 10^{-6}$ (All over)
Operation Temperature Range	$\pm 0 \sim +70^{\circ}\text{C}$
Storage Temperature Range	$-40 \sim +85^{\circ}\text{C}$
Supply Voltage	3.3V $\pm 5\%$
Current	60mA MAX.
Load	15pF
Output Level	Voh: Vdd $\times 0.9$ MIN./Vol: Vdd $\times 0.1$ MAX.
Symmetry	50% $\pm 10\%$
Rise Time/Fall Time	2.5ns MAX.(10%,90%)
Start-up Time	10ms MAX.
Weight	0.2g

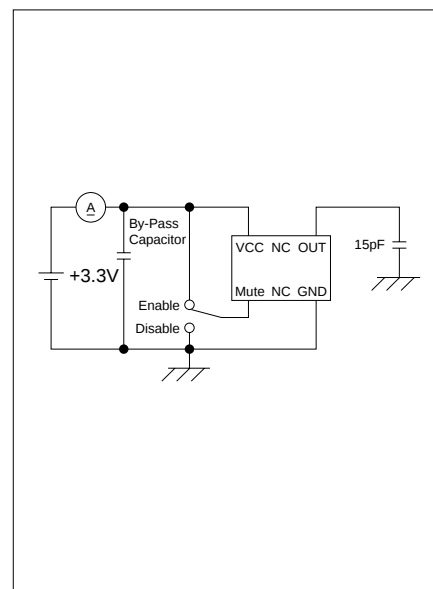
Table 1
Original Frequencies

Table 1
Standard Frequency (MHz)
100
106.25
125
133
155.52
156.25
161.1328
166
166.6285
167

Outline



Typical External Component Connection



Land Pattern (reference)

