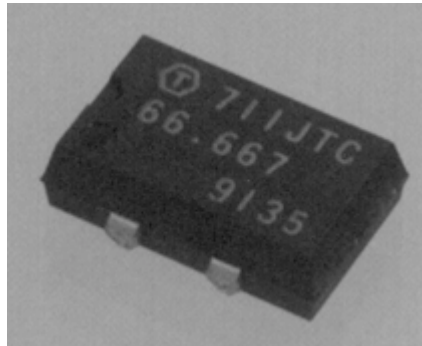


TOYOCOM PRODUCT NEWS

TCO-711JTC

● Photo



[Specification](#) | [Outline drawing](#)

● Specification

| Parameter | Symbol | min. | Typ. | max. | Unit | Conditions |
|-----------------------|------------|------------------|---------------|----------------|----------------|--|
| Frequency range | Fo | 1.5 | - | 70 | MHz | |
| Frequency stability | dF/Fo | -100 | - | 100 | ppm | *1 |
| Operating temperature | Topr | 0 | 25 | 70 | C | |
| Operating voltage | Vcc | 4.5 | 5.0 | 5.5 | V | DC |
| Operating current | Icc | - | - | See Table A | mA | Vcc=5.5V, CL=15pF |
| Input voltage | VIH VIL | 3.5 - | - - | - 1.5 | V V | #1:VIH or OPEN->Enable #1:VIL or GND->Disable |
| Output voltage | VOH VOL | Vcc- 4.0 - | - - - | - 0.4 - | V V | IOH=-4mA IOL=4mA |
| Symmetry | SYM | 45 | 50 | 55 | % | at 50%Vcc |
| Rise/Fall time | tr,tf | - | - | See Table A | ns | at 10% Vcc to 90% Vcc / at 90% Vcc to 10% Vcc |
| Load capacitance | CL | - - - | 15 15 - | 50 30 15 | pF pF pF | 15 to 26 MHz 26+to 50MHz 50+ to 70MHz |
| Start-up time | tst | - - | - - | 4 10 | ms ms | 1.5 to 26MHz *2 26+ to 70MHz *2 |

*1 Inclusive of calibration tolerance at 25C, operating voltage range.

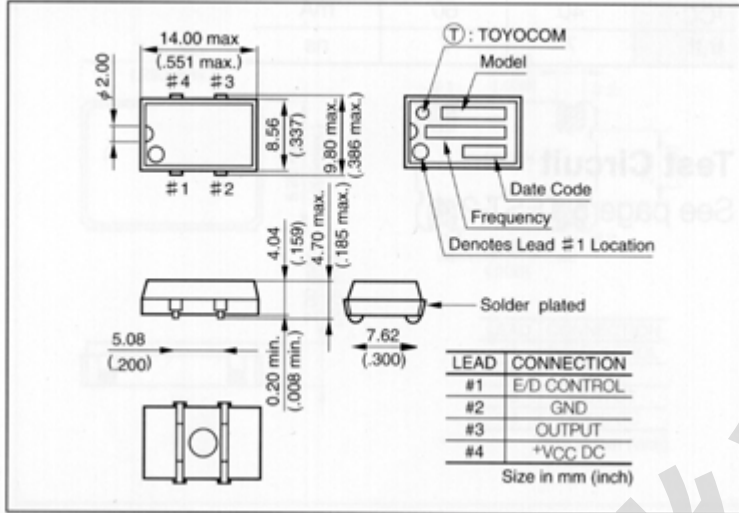
*2 Rise time (0 to 4.5V) of Vcc > 150 micro sec.

Table A

| Freq. | 1.5 to 10 | 10+ to 26 | 26+ to 50 | 50+ to 70 | MHz |
|-------|-----------|-----------|-----------|-----------|-----|
| Icc | 10 | 15 | 35 | 50 | mA |
| tr,tf | 12 | 12 | 10 | 6 | ns |

● Outline Drawing

Package outline



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