



## Tuning Fork (YJ 3 x 8)



### { Features }

- Low cost
- Industry standard package
- High reliability and stability crystal
- Wide frequency range and calibration tolerances available
- Rohs compliant / Pb free



### Application of Crystal:

- Best choice for mother board
- USB
- LAN card
- Router
- Switch

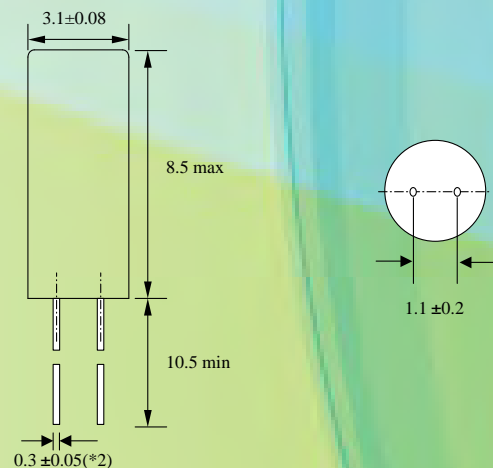
### Electrical Specification:

Mode	'YJ-38
Frequency Range	8000 ~ 90000 MHz
Frequency Tolerance at 25 °C ±2 °C	±20 ~ ±50 ppm (TYP.)
Frequency Stability Over Operating Temp Range	±10 ~ ±50 ppm (TYP.)
Operating Temp Range	-10 °C ~ +60 °C, -20 °C ~ +70 °C or customer requirement
Load Capacitance	8 pF ~ 32 pF, series or special
Shunt Capacitance	7 pF Max.
Drive Level	0.1uW ~ 1000uW (TYP.: 100uW)
Insulation Resistance	500M min / DC 100V ±5V
Oscillation Mode	Fundamental, 3rd overtone
Measure Instrument	S&A 250B

### Equivalent Series Resistance(ESR) VS Frequency:

Frequency (MHz)	Oscillation Mode	L/5z:
6.0 ~ 7.99	Fundamental	100
8.0 ~ 9.99	Fundamental	80
10.0 ~ 11.99	Fundamental	70
12.0 ~ 15.99	Fundamental	60
16.0 ~ 19.99	Fundamental	50
20.0 ~ 39.99	Fundamental	40
26.0 ~ 39.99	3rd overtone	100
40.0 ~ 70.0	3rd overtone	80

### Dimensions (mm):



\* Above specification subject to change without prior notice, please consult our sales representative for more information  
 ""UJ GP \ J GP [ KRP 'GNGEVTQP KEUEQ-NVF ""VGN-2977/49: 98787""S S < 79; 72465""j wr <ly y y (klpf | Qqo "