

TUNING FORK CRYSTAL UNIT (SMD • Ceramic Package)

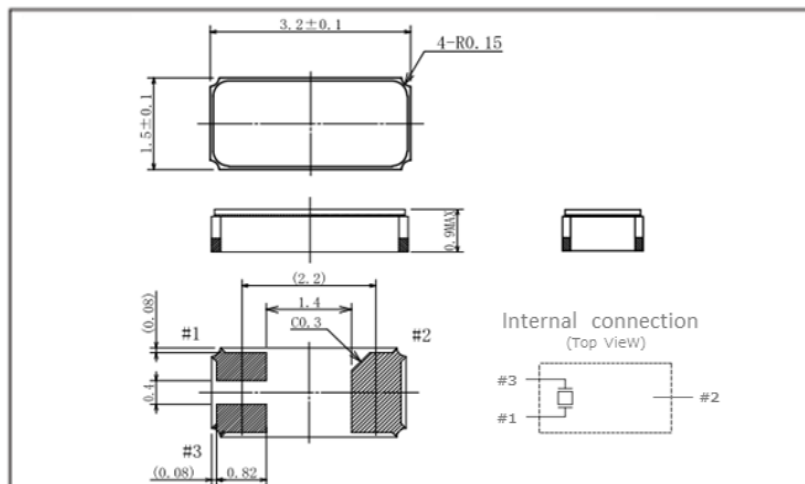
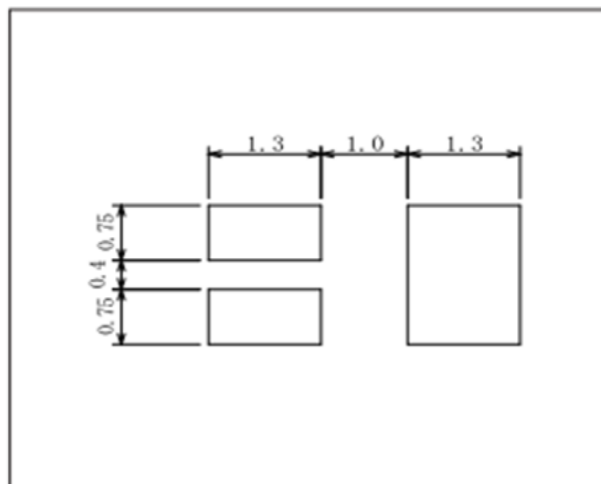
RoHS compliant / Pb free

CM315E

3000pcs/reel


FEATURES

- Tuning fork crystal with ceramic packaged type.
- High flexibility in layout design of PCB.
- Lid cover connected to GND.
- Most appropriate for portable devices and noise sensitive products.
- Low motional resistance 50kΩ max. available. (CM315EL series)

DIMENSION [mm]

SOLDER PAD LAYOUT [mm]

STANDARD SPECIFICATIONS

| Item | Model | CM315E | Conditions |
|------------------------------|----------------|-----------------------------------|----------------------------------|
| Nominal Frequency | f_0 | 32.768kHz | |
| Frequency Tolerance | $\Delta f/f_0$ | ±20ppm | at 25°C |
| Load capacitance | C_L | 12.5pF | Need to specify your requirement |
| Operating Temperature Range | T_{OPR} | -40°C ~ +85°C | |
| Storage Temperature Range | T_{STR} | -55°C ~ +125°C | |
| Turnover Temperature | T_M | 25°C ±5°C | |
| Temperature Coefficient | β | -0.034 ± 0.006ppm/°C ² | |
| Motional (series) resistance | R_1 | 70KΩ Max. | at 25°C |
| Level of drive | D_L | 1 μW Max. | |
| Aging (first year) | $\Delta f/f_0$ | ±3ppm Max. | 25°C ±3°C |
| Shunt capacitance | C_0 | 0.75pF Typ. | |

SHENZHEN YIJIN ELECTRONICS CO: LTD TEL: 0755-27876565

 18924600166 QQ: 857950243 <http://www.vc-tcxo.com>