

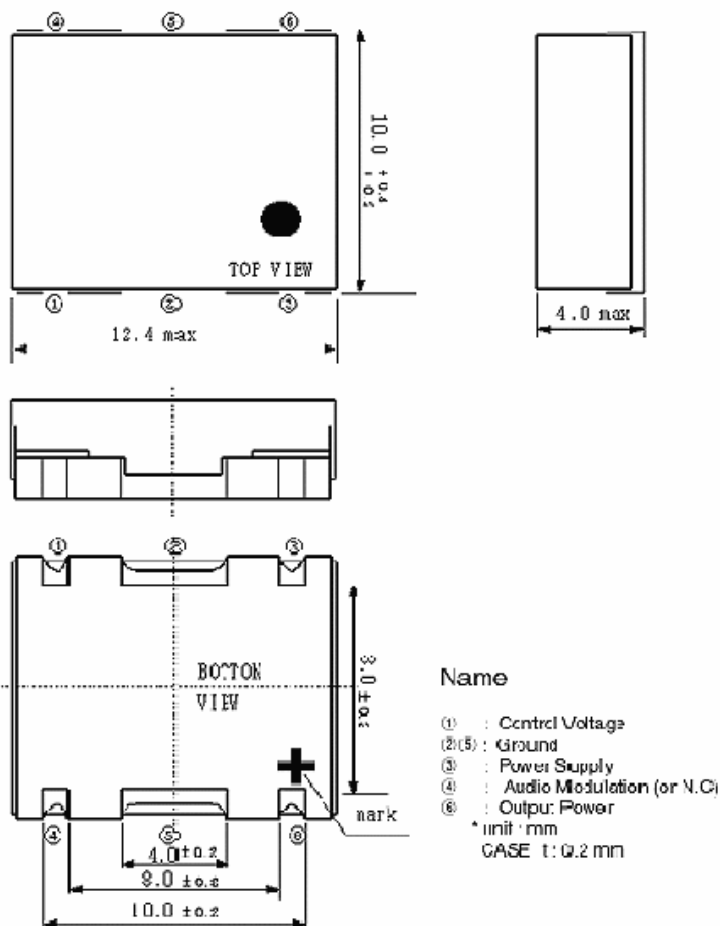
# VCO - Voltage controlled oscillator

## Specifications

| Parameters                  | Standard                             |
|-----------------------------|--------------------------------------|
| Frequency range             | up to 4,0 GHz                        |
| Operating temperature       | 0° C ~ +70°C // -40° ~ +85°C         |
| Supply voltage              | + 3,3 V ~ 20 V                       |
| Tuning voltage range        | + 0,3 V ~ 20 V                       |
| Output level                | 0 ~ 10 dBm                           |
| Control voltage Sensitivity | 1 ~ 250 MHz / V                      |
| Phase noise                 | 10 kHz offset : -110 dBc /Hz typical |
| Wave form                   | Sinewave                             |
| Package                     | M - type<br>P - type<br>V - type     |

## Drawing

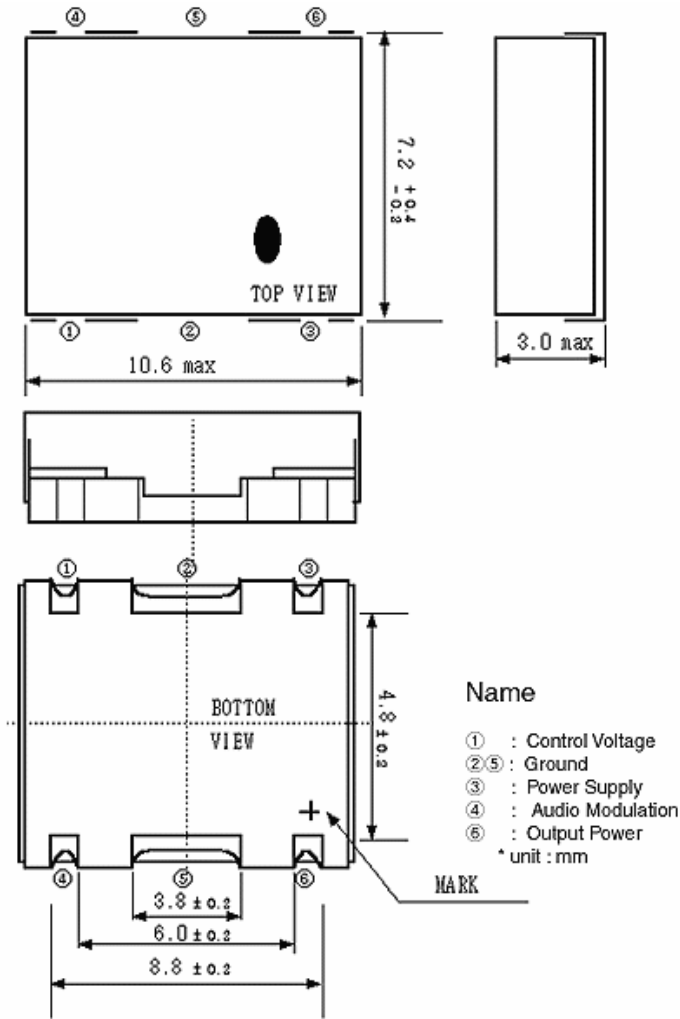
### M - type



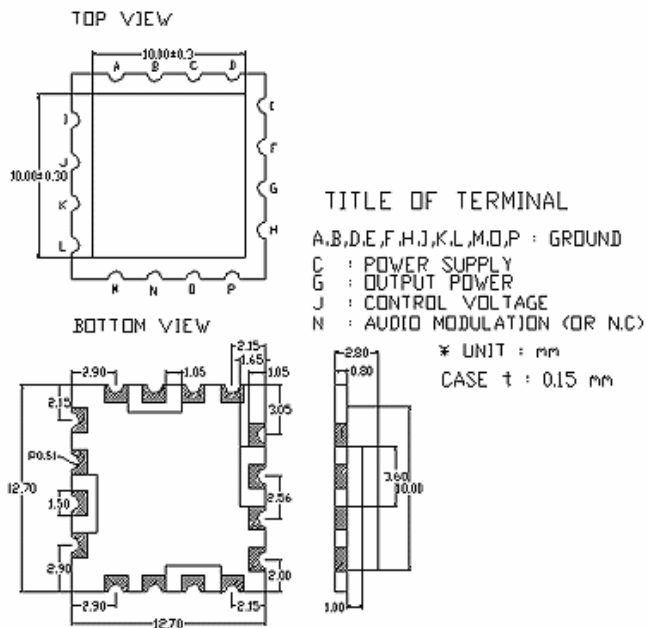
# VCO - Voltage controlled oscillator

## Drawing

### P - type



### V - type



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