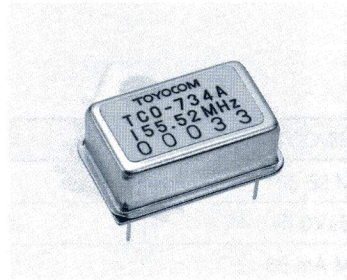


**Product Data (VCXO)****TCO-734A, 735 Series****Features**

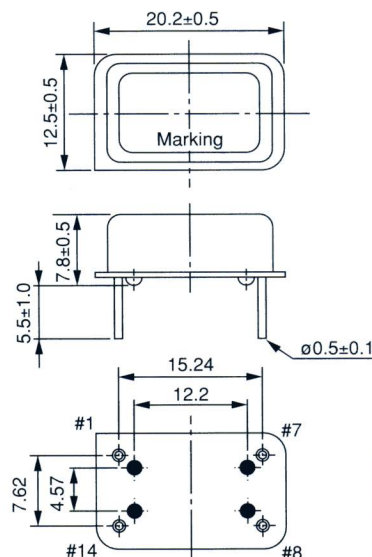
- Fundamental mode oscillator (HFF-VCXO)
- Wide frequency control range
- DIP-14 pin type package

**Specifications**

| Type                                                     |                   | TCO-734A                                   | TCO-735A                 | TCO-735B                | TCO-735C                |
|----------------------------------------------------------|-------------------|--------------------------------------------|--------------------------|-------------------------|-------------------------|
| Standard frequency                                       |                   | 155.52 MHz                                 |                          |                         |                         |
| Supply voltage                                           |                   | +3.3 V±5 % or +5.0 V±5 %                   | +3.3 V±5 %               | +5.0 V±5 %              | -5.2 V±5 %              |
| Supply current                                           |                   | 25 mA Max                                  | 65 mA Max                |                         |                         |
| Output level                                             |                   | 0 dBm Min／50 Ω                             | Low-Voltage ECL          | Positive ECL            | ECL                     |
| Frequency stability                                      | vs Temperature    | ±30 ppm Max／-40～+85 °C (referred to +25°C) |                          |                         |                         |
|                                                          | vs Supply voltage | ±5.0 ppm Max／+5.0 V±5 %<br>or ／+3.3 V±5 %  | ±5.0 ppm Max ／+3.3 V±5 % | ±5.0 ppm Max／+5.0 V±5 % | ±5.0 ppm Max／-5.2 V±5 % |
|                                                          | Aging             | ±5.0 ppm／year                              |                          |                         |                         |
| Frequency control range<br>(Voltage : Straight polarity) |                   | ±100 ppm Min／V                             | ±50 ppm Min／V            |                         |                         |
| Frequency control voltage                                |                   | +2.5 V±2.0 V or<br>+1.65 V±1.65 V          | +1.65 V±1.65 V           | +2.5 V±2.0 V            |                         |
| Available frequency range                                |                   | 50～155.52 MHz                              |                          |                         |                         |

**Outline Drawing [mm]**

[TCO-734A, 735A, B, C]



Pin connections

|    |          |
|----|----------|
| 1  | Vcont    |
| 7  | GND/case |
| 8  | Output   |
| 14 | Vcc      |