Note: This datasheet may be out of date. Please download the latest datasheet of XTCLH13M000TJEA3P0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=XTCLH13M000TJEA3P0

# XTCLH13M000TJEA3P0

Discontinued



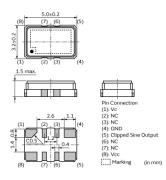
## **Applications**

| Unsuitable   | Please be sure to read and comply with     |
|--------------|--|
| Applications | these "Precautions for use."               |
|              | Industrial Equipment                       |
|              | Please refer to Our Website and            |
|              | specifications, etc. for information about |
| Chasifia     | the performance, functions, quality,       |
| Specific     | management, and safety required for        |
| Applications | the above applications, and use            |
|              | Products after confirming the              |
|              | performance and reliability of the actual  |
|              | Product.                                   |



## Appearance & Shape







## Packaging Information

| Packaging | Specifications     | Standard<br>Packing<br>Quantity |
|-----------|--------------------|---------------------------------|
| P0        | 254mm Plastic Tape | 2000                            |



### **Features**

Based on long experience and activity, Murata's Crystal Oscillator consists of high quality quartz crystal unit and excellent temperature compensation circuit, which are packaged with high circuit technology and high adjusting technology. They are suitable for communication equipment, business radios, GPS(GNSS) system and survey equipment.

1 of 2

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2. This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.





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# XTCLH13M000TJEA3P0



## **Specifications**

| Shape                             | SMD                       |
|-----------------------------------|---------------------------|
| Frequency                         | 13.0000MHz                |
| Operating Temperature<br>Range    | -30°C to 85°C             |
| Supply Voltage                    | +3.0±5% (Vcc)             |
| Current Consumption(max.)         | 2mA                       |
| Output Voltage                    | 0.8Vp-p / min.            |
| Load<br>Impedance/Capacitance     | (10Kohm//10pF)±10%        |
| Frequency Shift by<br>Temperature | ±0.5ppmmax.               |
| Frequency Aging                   | ±1ppmmax./year            |
| Frequency Tolerance               | ±1ppmmax. (25±3°C)        |
| Frequency Controlled Range        | ±3ppm min. to ±15ppm max. |
| Mass                              | 70.339mg                  |

2 of 2

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