

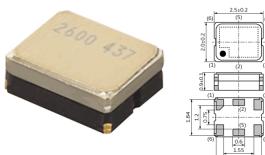
XTCHH20M950TJEA0P0

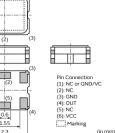
#### Discontinued

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
Specific Applications	the performance, functions, quality,
	management, and safety required for
	the above applications, and use
	Products after confirming the
	performance and reliability of the actual
	Product.

## Appearance & Shape





Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of XTCHH20M950TJEA0P0 from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=XTCHH20M950TJEA0P0

## Packaging Information

Packaging	Specifications	Standard Packing Quantity
P0	180mm Plastic Tape	3000



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.



#### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued

without advance notice. Please check with our sales representatives or product engineers before ordering.

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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## Specifications

Shape	SMD
Frequency	20.9500MHz
Operating Temperature Range	-30°C to 85°C
Supply Voltage	+3.0±5% (Vcc)
Current Consumption(max.)	2mA
Output Voltage	0.8Vp-p / min.
Load Impedance/Capacitance	(10Kohm//10pF)±10%
Frequency Shift by Temperature	±0.5ppmmax.
Frequency Aging	±1ppmmax./year
Frequency Tolerance	±1ppmmax. (25±3°C)
Frequency Controlled Range	±5ppm min. to ±15ppm max.
Mass	15.627mg

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