

#### **Product Search Data Sheet**

Note: This datasheet may be out of date. Please download the latest datasheet of CSTCV40M0X51Q-R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=CSTCV40M0X51Q-R0

# CSTCV40M0X51Q-R0









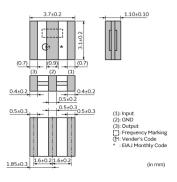
## **Applications**

Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
	Automotive powertrain/safety equipment
	Please refer to Our Website and
	specifications, etc. for information about
Specific	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 Packing Quantity
R0	180mm Embossed Tape	2000



### **Features**

MURATA's frequency adjustment and package technology expertise has enabled the development of the chip CERALOCK. This diverse series owes its development to MURATA's original mass production techniques and high reliability, and has achieved importance in the worldwide automotive market.

#### Features

- 1. The series has high reliability and is available for a wide temperature range.
- 2. Oscillation circuits do not require external load capacitors.
- 3. The series is available in a wide frequency range.
- 4. The resonators are extremely small and have a low profile.
- 5. No adjustment is necessary for oscillation circuits.

1 of 2

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





## Product Search Data Sheet

Note: This datasheet may be out of date.  $Please\ download\ the\ latest\ data sheet\ of\ CSTCV40M0X51Q-R0\ from\ the\ official\ website\ of\ Murata$ Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=CSTCV40M0X51Q-R0

# CSTCV40M0X51Q-R0



# **Specifications**

Product Type	Ceramic Resonator	
Product Type	(CERALOCK)	
Series	CSTCV_X_Q	
Frequency	40.000MHz	
Frequency Tolerance	+/-0.50% max.	
Operating Temperature	40% 405%	
Range	-40°C~125°C	
Frequency Shift by	. / 0 200/	
Temperature	+/-0.30% max.	
Frequency Aging	+/-0.10% max.	
Resonant Impedance (R1)	40ohm max.	
Built-in Load Capacitance	5.5	
(CL1/CL2)	5pF	
Shape	SMD	
Wash	available	
L x W (size)	3.7x3.1mm	
Mass	97mg	

2 of 2

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.

