

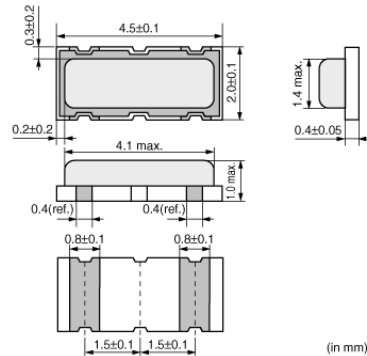
# CDSCB10M7GA113-R0

In Production

RoHS

REACH

## Appearance & Shape



## Features

CDSCB10M7 series forms a resonator on a piezoelectric ceramic substrate. In combination with ICs, this type obtains stable demodulation characteristics in a wide bandwidth. They have 1.0mm max. thickness and small mounting area(4.5x2.0mm).

### Features

1. Compact and high reliability and recommended for automotive applications.
2. Can be combined with various ICs. The IC is determined by the last number in the part number.
3. Stable demodulation characteristics can be obtained without adjustment.
4. Stable temperature characteristics
5. Available lead (Pb) free solder reflow.

## Applications

Other Usage

Communication Equipment/Audio Visual Equipment

## Packaging Information

Packaging	Specifications	Minimum Order Quantity
-R0	180mm Embossed Tape	2000

### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its specifications are subject to change or our products 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.

# CDSCB10M7GA113-R0

## Specifications

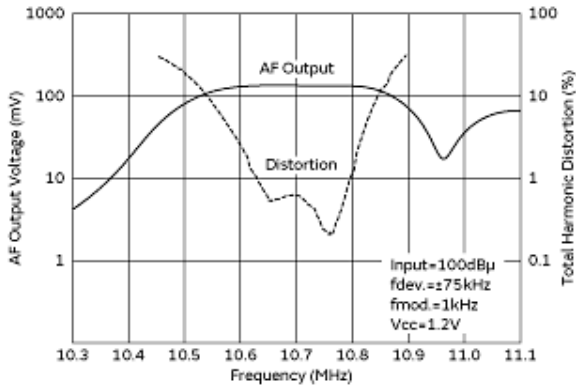
Operating Temperature Range	-20°C to 80°C
Shape	SMD
Elements	1
Center Frequency	10.700MHz
Center Frequency Tolerance	±30kHz
Nominal Center Value	No
Recovered Audio 3dB BW	300kHzmin.
Distortion(max.)	1%
Area of Distortion	[at fo]
Recovered Audio Output	110mVmin.
IC	TA2154FN
IC Maker	TOSHIBA
Detection Method	quadrature type

### Attention

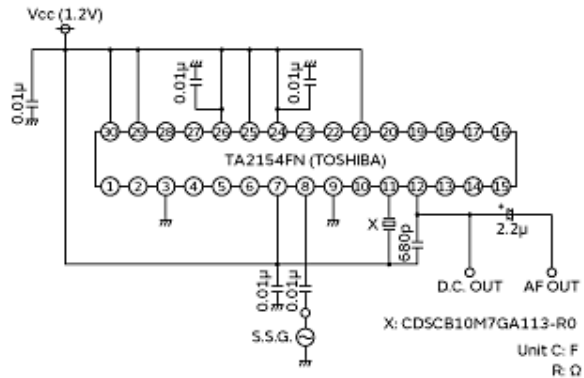
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**Product Data**



Frequency Characteristics



Measurement Circuit