Note: This datasheet may be out of date. Please download the latest datasheet of CDSCB10M7GF123S-R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=CDSCB10M7GF123S-R0

CDSCB10M7GF123S-R0









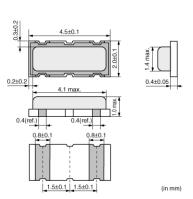
Applications

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
Specific Applications	Consumer equipment	
	Please refer to Our Website and	
	specifications, etc. for information about	
	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







Packaging Information

Packaging	Specifications	Standard Packing Quantity
R0	180mm Embossed Tape	2000



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.

1 of 3

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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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Manufacturing Co., Ltd.

CDSCB10M7GF123S-R0



Specifications

On a veting Temps a veture	
Operating Temperature Range	-20°C to 80°C
Shape	SMD
Elements	1
Center Frequency	10.700MHz
Nominal Center Value	Yes
IC	TA31275FN
IC Maker	TOSHIBA
S Curve(min.)	900mV min.,[10. 700MHz±200kHz]
Detection Method	quadrature type
Mass	21.84mg

2 of 3

Attention

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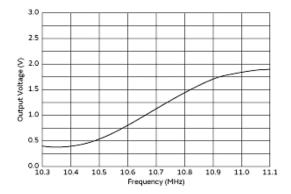
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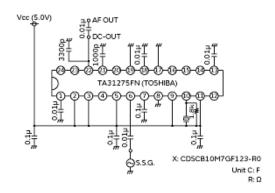
http://www.murata.com/en-us/products/productdetail?partno=CDSCB10M7GF123S-R0

CDSCB10M7GF123S-R0



Product Data





Frequency Characteristics

Measurement Circuit

3 of 3

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