

# 935174733610-xxA

There can be several part numbers depending on packing configurations and electrode surface materials.  
Please see the following part number for standard product of this item.  
935174733610-T3A

In Production

Recommended

AEC-Q100

## Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment, Industrial Equipment, Automotive infotainment/comfort equipment, Automotive powertrain/safety equipment, Medical equipment [GHTF A/B], Medical equipment [GHTF C], Mobile Electronics, Mobile Communication, Consumer Electronics - Differential Transmission, HDD, Double feed detection 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.
Recommended Applications	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, AD [Automated Driving], ADAS [Advanced Driver Assistant System], LiDAR [Light Detection And Ranging]

## Appearance & Shape



**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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## Features

- I Qualified according to AEC-Q100.
  - I Ultra long life @ 200°C.
  - I High stability of capacitance value over temperature, voltage and aging.
  - I 16V operating voltage.
  - I Load dump.
  - I 8kV HBMESD.
  - I Suitable for high temperature leadframe mounting.
- (please refer to our Assembly Application Note for more details)

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## Specifications

Series	ATSC
Applications	Automotive
Features	High Temperature
Mounting Method	Wire-bonding/Embedded
Operating Temperature Range	-55°C to 200°C
Size Code (in inch)	0605
L x W (size)	1.59 x 1.32mm
Breakdown Voltage (For the rated voltage, please see the FAQ.)	30Vdc
Capacitance	100nF
Thickness	250μm

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