

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 935174733610-xxA from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=935174733610-xxA

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.

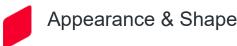
935174733610-T3A





Applications

| Unsuitable | Please be sure to read and comply with | |
|--------------------------|--|--|
| onouncapio | | |
| Applications | 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 | Automotive powertrain/safety equipment, | |
| | Automotive powertrain/safety equipment, | |
| | | |
| | equipment,AD [Automated Driving], | |
| Applications | ADAS [Advanced Driver Assistant | |
| | System],LiDAR [Light Detection And | |
| | Ranging] | |





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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 HBM ESD.
- 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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