

# MLCC with Dipped Radial Lead

## FA23X7S2A106KRU06

Applications

Automotive Grade

Feature

Mid

Mid Voltage (100 to 630V)

Halogen-free

Halogen-free

AEC-Q200

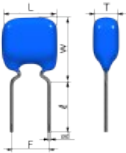
AEC-Q200

Series

FA

Status

Production



Images are for reference only and show exemplary products.

| Size             |                      |
|------------------|----------------------|
| Length(L)        | 8.50mm Max.          |
| Width(W)         | 11.00mm Max.         |
| Thickness(T)     | 5.50mm Max.          |
| Lead Gap(F)      | 5.00mm +0.80,-0.20mm |
| Lead Diameter(d) | 0.50mm +0.10,-0.03mm |

| Electrical Characteristics   |           |
|------------------------------|-----------|
| Capacitance                  | 10μF ±10% |
| Rated Voltage                | 100VDC    |
| Withstanding Voltage         | 250VDC    |
| Temperature Characteristic   | X7S(±22%) |
| Dissipation Factor (Max.)    | 5%        |
| Insulation Resistance (Min.) | 50MΩ      |

| Other                      |                               |
|----------------------------|-------------------------------|
| Soldering Method           | Wave (Flow)<br>Iron Soldering |
| Lead Length / Package Type | Taping                        |
| AEC-Q200                   | Yes                           |
| Package Quantity           | 1000pcs                       |

?

RoHS

REACH SVHC-Free

Halogen Free

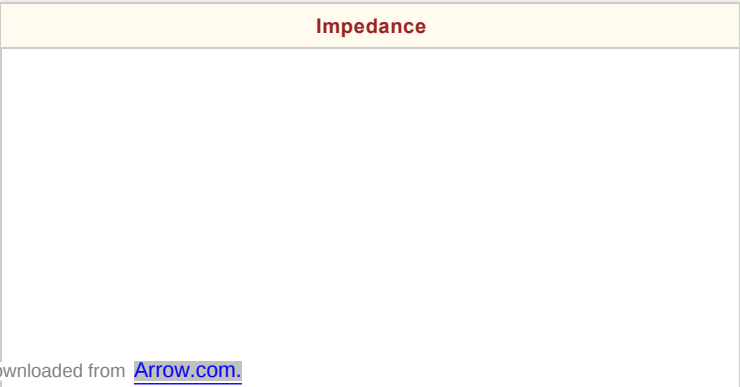
Lead Free

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| Documents                                                                                                                      |        |
|--------------------------------------------------------------------------------------------------------------------------------|--------|
| Catalog                                                                                                                        |        |
| Specification                                                                                                                  |        |
| RoHS Certificate                                                                                                               |        |
| SVHC/REACH Certificate                                                                                                         | Update |
| [Solution Guide] PCB Deflection Countermeasure / Acoustic Noise Countermeasure / Noise Countermeasures in Automotive DC Motors |        |
| Characterization Sheet                                                                                                         |        |

## Characteristic Graph (This is reference data, and does not guarantee the products characteristics.)



FA23X7S2A106KRU06

Change settings

DC Bias Characteristic

FA23X7S2A106KRU06

Change settings

FA23X7S2A106KRU06

Change settings

Temperature Characteristic

FA23X7S2A106KRU06(No Bias) FA23X7S2A106KRU06(DC Bias = 100 )

Change settings



- Selection Guides
- Search by Part No.
- Search by Characteristics
- Distributor Inventory Check
- Cross Reference

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- Inductors (Coils) >
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- RF Components and Modules >
- Voltage / Current / Temperature Protection Devices >
- Sensors and Sensor Systems >
- Ceramic Switching / Heating, Piezo Components, Buzzers and Microphones >
- Transformers >
- Ferrites and Accessories >
- Noise Suppressing / Magnetic Sheet >
- Anechoic Chambers and Radio Wave Absorbers >
- Power Supplies >
- Magnets >
- Flash Storages >
- Wireless Power Transfer >
- FA Systems >
- Transparent Conductive Film >
- Micro Modules (Substrates with Built-in ICs, Products Utilizing with SESUB) >
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