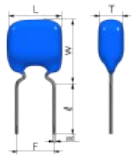
MLCC with Dipped Radial Lead

FA23X7S2A106KRU06

RoHS REACH SVHC-Free Halogen Free Lead Free

Applications	Automotive Grade
Feature	Mid Voltage (100 to 630V) Halogen-free AEC-Q200
Series	FA
Status	Production



Images are for reference only and show exemplary products.

PDF file of this page

Contact

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

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) Iron Soldering
Lead Length / Package Type	Taping
AEC-Q200	Yes
Package Quantity	1000pcs

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

Impedance	Capacitance

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DC Bias Characteristic

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Change settings

Temperature Characteristic

FA23X7S2A106KRU06(No Bias)

FA23X7S2A106KRU06(DC Bias = 100)

Change settings

Products