



UST1C100MDD Information



For Reference Only

Part Number UST1C100MDD

Manufacturer Nichicon
Category Capacitors

Aluminum Electrolytic Capacitors

Description CAP ALUM 10UF 20% 16V RADIAL

Package Radial, Car

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









UST1C100MDD Specifications

Manufacturer Part Number USTIC100MDD Manufacturer Nichicon Category Capacitors Package Radial, Can Series UST Capacitance 10µF Tolerance ±20% Voltage - Rated 16V ESR (Equivalent Series Resistance) - Lifetime @ Temp. 1000 Hrs @ 105°C Operating Temperature -55°C ~ 105°C Polarization Polar Applications General Purpose Ripple Current - Low Frequency 29mA @ 120Hz Ripple Current - High Frequency 43.5mA @ 10kHz Impedance - Lead Spacing 0.059" (1.50mm) Size / Dimension 0.157" Dia (4.00mm) Height - Seated (Max) 0.315" (8.00mm) Surface Mount Land Size -	*	
Category Capacitors Package Radial, Can Series UST Capacitance 10µF Tolerance ±20% Voltage - Rated 16V ESR (Equivalent Series Resistance) - Lifetime @ Temp. 1000 Hrs @ 105°C Operating Temperature -55°C ~ 105°C Polarization Polar Applications General Purpose Ripple Current - Low Frequency 29mA @ 120Hz Ripple Current - High Frequency 43.5mA @ 10kHz Impedance - Lead Spacing 0.059" (1.50mm) Size / Dimension 0.157" Dia (4.00mm) Height - Seated (Max) 0.315" (8.00mm)	Manufacturer Part Number	UST1C100MDD
PackageRadial, CanSeriesUSTCapacitance10μFTolerance±20%Voltage - Rated16VESR (Equivalent Series Resistance)-Lifetime @ Temp.1000 Hrs @ 105°COperating Temperature-55°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency29mA @ 120HzRipple Current - High Frequency43.5mA @ 10kHzImpedance-Lead Spacing0.059" (1.50mm)Size / Dimension0.157" Dia (4.00mm)Height - Seated (Max)0.315" (8.00mm)	Manufacturer	Nichicon
PackageRadial, CanSeriesUSTCapacitance10μFTolerance±20%Voltage - Rated16VESR (Equivalent Series Resistance)-Lifetime @ Temp.1000 Hrs @ 105°COperating Temperature-55°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency29mA @ 120HzRipple Current - High Frequency43.5mA @ 10kHzImpedance-Lead Spacing0.059" (1.50mm)Size / Dimension0.157" Dia (4.00mm)Height - Seated (Max)0.315" (8.00mm)	Category	Capacitors
SeriesUSTCapacitance $10\mu F$ Tolerance $\pm 20\%$ Voltage - Rated $16V$ ESR (Equivalent Series Resistance)-Lifetime @ Temp. $1000 \text{ Hrs } @ 105^{\circ}\text{C}$ Operating Temperature $-55^{\circ}\text{C} \sim 105^{\circ}\text{C}$ PolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency $29\text{mA} @ 120\text{Hz}$ Ripple Current - High Frequency $43.5\text{mA} @ 10\text{kHz}$ Impedance-Lead Spacing 0.059° (1.50mm)Size / Dimension 0.157° Dia (4.00mm)Height - Seated (Max) 0.315° (8.00mm)		Aluminum Electrolytic Capacitors
Capacitance 10μF Tolerance ±20% Voltage - Rated 16V ESR (Equivalent Series Resistance) - Lifetime @ Temp. 1000 Hrs @ 105°C Operating Temperature -55°C ~ 105°C Polarization Polar Applications General Purpose Ripple Current - Low Frequency 29mA @ 120Hz Ripple Current - High Frequency 43.5mA @ 10kHz Impedance - Lead Spacing 0.059" (1.50mm) Size / Dimension 0.157" Dia (4.00mm) Height - Seated (Max) 0.315" (8.00mm)	Package	Radial, Can
Tolerance ±20% Voltage - Rated 16V ESR (Equivalent Series Resistance) - Lifetime @ Temp. 1000 Hrs @ 105°C Operating Temperature -55°C ~ 105°C Polarization Polar Applications General Purpose Ripple Current - Low Frequency 29mA @ 120Hz Ripple Current - High Frequency 43.5mA @ 10kHz Impedance - Lead Spacing 0.059" (1.50mm) Size / Dimension 0.157" Dia (4.00mm) Height - Seated (Max) 0.315" (8.00mm)	Series	UST
Voltage - Rated ESR (Equivalent Series Resistance) Lifetime @ Temp. 1000 Hrs @ 105°C Operating Temperature -55°C ~ 105°C Polarization Polar Applications General Purpose Ripple Current - Low Frequency 29mA @ 120Hz Ripple Current - High Frequency 43.5mA @ 10kHz Impedance Lead Spacing 0.059" (1.50mm) Size / Dimension Height - Seated (Max) 16V 6V 0.1100 -1000	Capacitance	10μF
ESR (Equivalent Series Resistance) Lifetime @ Temp. Operating Temperature -55°C ~ 105°C Polarization Polar Applications General Purpose Ripple Current - Low Frequency Ripple Current - High Frequency 43.5mA @ 10kHz Impedance Lead Spacing 0.059" (1.50mm) Size / Dimension Height - Seated (Max) - 1000 Hrs @ 105°C Commander -500 - 105°C -55°C ~ 105°C -105°C -105°	Tolerance	±20%
Lifetime @ Temp. 1000 Hrs @ 105°C Operating Temperature -55°C ~ 105°C Polarization Applications General Purpose Ripple Current - Low Frequency Ripple Current - High Frequency 43.5mA @ 10kHz Impedance - Lead Spacing 0.059" (1.50mm) Size / Dimension Height - Seated (Max) 1000 Hrs @ 105°C -05°C ~ 105°C Polar 29mA @ 120Hz 43.5mA @ 10kHz -0059" (1.50mm)	Voltage - Rated	16V
Operating Temperature -55°C ~ 105°C Polarization Applications General Purpose Ripple Current - Low Frequency Ripple Current - High Frequency 43.5mA @ 10kHz Impedance - Lead Spacing 0.059" (1.50mm) Size / Dimension 0.157" Dia (4.00mm) Height - Seated (Max)	ESR (Equivalent Series Resistance)	-
Polarization Applications General Purpose Ripple Current - Low Frequency Ripple Current - High Frequency 43.5mA @ 10kHz Impedance Lead Spacing 0.059" (1.50mm) Size / Dimension 0.157" Dia (4.00mm) Height - Seated (Max) Polar Polar Polar 0.09mA @ 120Hz 0.05mA @ 10kHz 0.059" (1.50mm)	Lifetime @ Temp.	1000 Hrs @ 105°C
Applications Ripple Current - Low Frequency Ripple Current - High Frequency 43.5mA @ 10kHz Impedance Lead Spacing 0.059" (1.50mm) Size / Dimension 0.157" Dia (4.00mm) Height - Seated (Max) General Purpose 29mA @ 120Hz 43.5mA @ 10kHz - 0.059" (1.50mm) 0.157" Dia (4.00mm)	Operating Temperature	-55°C ~ 105°C
Ripple Current - Low Frequency Ripple Current - High Frequency 43.5mA @ 10kHz Impedance Lead Spacing 0.059" (1.50mm) Size / Dimension 0.157" Dia (4.00mm) Height - Seated (Max) 0.315" (8.00mm)	Polarization	Polar
Ripple Current - High Frequency 43.5mA @ 10kHz Impedance - Lead Spacing 0.059" (1.50mm) Size / Dimension 0.157" Dia (4.00mm) Height - Seated (Max) 0.315" (8.00mm)	Applications	General Purpose
Impedance - Lead Spacing 0.059" (1.50mm) Size / Dimension 0.157" Dia (4.00mm) Height - Seated (Max) 0.315" (8.00mm)	Ripple Current - Low Frequency	29mA @ 120Hz
Lead Spacing 0.059" (1.50mm) Size / Dimension 0.157" Dia (4.00mm) Height - Seated (Max) 0.315" (8.00mm)	Ripple Current - High Frequency	43.5mA @ 10kHz
Size / Dimension 0.157" Dia (4.00mm) Height - Seated (Max) 0.315" (8.00mm)	Impedance	-
Height - Seated (Max) 0.315" (8.00mm)	Lead Spacing	0.059" (1.50mm)
	Size / Dimension	0.157" Dia (4.00mm)
Surface Mount Land Size -	Height - Seated (Max)	0.315" (8.00mm)
	Surface Mount Land Size	-
Mounting Type Through Hole	Mounting Type	Through Hole
Package / Case Radial, Can	Package / Case	Radial, Can
Report errors?		Report errors?

UST1C100MDD Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

UST1C100MDD Payment Methods



















UST1C100MDD Shipping Methods













If you have any question about UST1C100MDD, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com