



UPS1H220MDD Information



For Reference Only

Part Number UPS1H220MDD

Manufacturer Nichicon Category Capacitors

Aluminum Electrolytic Capacitors

Description CAP ALUM 22UF 20% 50V RADIAL

Package Radial, Car

For the pricing/inventory/lead time, please contact

us

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



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UPS1H220MDD Specifications

| Manufacturer Part NumberUPS1H220MDDManufacturerNichiconCategoryCapacitorsPackageRadial, CanSeriesUPSCapacitance22µFTolerance±20%Voltage - Rated50VESR (Equivalent Series Resistance)-Lifetime @ Temp.2000 Hrs @ 105°COperating Temperature-55°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency25.5mA @ 120HzRipple Current - High Frequency150mA @ 100kHzImpedance1.8 OhmsLead Spacing0.079" (2.00mm)Size / Dimension0.197" Dia (5.00mm)Height - Seated (Max)0.492" (12.50mm)Surface Mount Land Size- | | |
|--|------------------------------------|----------------------------------|
| Category Capacitors Aluminum Electrolytic Capacitors Radial, Can Beries Capacitance Capacitance 22µF Tolerance ±20% Voltage - Rated 50V ESR (Equivalent Series Resistance) Lifetime @ Temp. 2000 Hrs @ 105°C Operating Temperature -55°C ~ 105°C Polarization Polar Applications General Purpose Ripple Current - Low Frequency Ripple Current - High Frequency 150mA @ 120Hz Rippedance 1.8 Ohms Lead Spacing 0.079" (2.00mm) Size / Dimension Height - Seated (Max) Surface Mount Land Size Radial, Can Luminum Electrolytic Capacitors Radial, Can Lead Spacitors General Purpose 1.8 Ohms 0.197" Dia (5.00mm) 0.492" (12.50mm) Surface Mount Land Size | Manufacturer Part Number | UPS1H220MDD |
| Package Radial, Can Series UPS Capacitance 22µF Tolerance ±20% Voltage - Rated 50V ESR (Equivalent Series Resistance) - Lifetime @ Temp. 2000 Hrs @ 105°C Operating Temperature -55°C ~ 105°C Polarization Polar Applications General Purpose Ripple Current - Low Frequency 25.5mA @ 120Hz Ripple Current - High Frequency 150mA @ 100kHz Impedance 1.8 Ohms Lead Spacing 0.079" (2.00mm) Size / Dimension 0.197" Dia (5.00mm) Height - Seated (Max) 0.492" (12.50mm) Surface Mount Land Size - | Manufacturer | Nichicon |
| PackageRadial, CanSeriesUPSCapacitance22μFTolerance±20%Voltage - Rated50VESR (Equivalent Series Resistance)-Lifetime @ Temp.2000 Hrs @ 105°COperating Temperature-55°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency25.5mA @ 120HzRipple Current - High Frequency150mA @ 100kHzImpedance1.8 OhmsLead Spacing0.079" (2.00mm)Size / Dimension0.197" Dia (5.00mm)Height - Seated (Max)0.492" (12.50mm)Surface Mount Land Size- | Category | Capacitors |
| Series UPS Capacitance 22μF Tolerance ±20% Voltage - Rated 50V ESR (Equivalent Series Resistance) - Lifetime @ Temp. 2000 Hrs @ 105°C Operating Temperature -55°C ~ 105°C Polarization Polar Applications General Purpose Ripple Current - Low Frequency 25.5mA @ 120Hz Ripple Current - High Frequency 150mA @ 100kHz Impedance 1.8 Ohms Lead Spacing 0.079" (2.00mm) Size / Dimension 0.197" Dia (5.00mm) Height - Seated (Max) 0.492" (12.50mm) Surface Mount Land Size - | | Aluminum Electrolytic Capacitors |
| Capacitance $22\mu F$ Tolerance $\pm 20\%$ Voltage - Rated $50V$ ESR (Equivalent Series Resistance)-Lifetime @ Temp. $2000 \text{ Hrs } @ 105^{\circ}\text{C}$ Operating Temperature $-55^{\circ}\text{C} \sim 105^{\circ}\text{C}$ PolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency $25.5\text{mA} @ 120\text{Hz}$ Ripple Current - High Frequency $150\text{mA} @ 100\text{kHz}$ Impedance 1.8 Ohms Lead Spacing 0.079° (2.00mm)Size / Dimension 0.197° Dia (5.00mm)Height - Seated (Max) 0.492° (12.50mm)Surface Mount Land Size- | Package | Radial, Can |
| Tolerance ±20% Voltage - Rated 50V ESR (Equivalent Series Resistance) - Lifetime @ Temp. 2000 Hrs @ 105°C Operating Temperature -55°C ~ 105°C Polarization Polar Applications General Purpose Ripple Current - Low Frequency 25.5mA @ 120Hz Ripple Current - High Frequency 150mA @ 100kHz Impedance 1.8 Ohms Lead Spacing 0.079" (2.00mm) Size / Dimension 0.197" Dia (5.00mm) Height - Seated (Max) 0.492" (12.50mm) Surface Mount Land Size - | Series | UPS |
| Voltage - Rated 50V ESR (Equivalent Series Resistance) - Lifetime @ Temp. 2000 Hrs @ 105°C Operating Temperature -55°C ~ 105°C Polarization Polar Applications General Purpose Ripple Current - Low Frequency 25.5mA @ 120Hz Ripple Current - High Frequency 150mA @ 100kHz Impedance 1.8 Ohms Lead Spacing 0.079" (2.00mm) Size / Dimension 0.197" Dia (5.00mm) Height - Seated (Max) 0.492" (12.50mm) Surface Mount Land Size - | Capacitance | 22μF |
| ESR (Equivalent Series Resistance) Lifetime @ Temp. 2000 Hrs @ 105°C Operating Temperature -55°C ~ 105°C Polarization Applications General Purpose Ripple Current - Low Frequency 25.5mA @ 120Hz Ripple Current - High Frequency 150mA @ 100kHz Impedance 1.8 Ohms Lead Spacing 0.079" (2.00mm) Size / Dimension 0.197" Dia (5.00mm) Height - Seated (Max) Surface Mount Land Size - | Tolerance | ±20% |
| Lifetime @ Temp. Operating Temperature -55°C ~ 105°C Polarization Applications General Purpose Ripple Current - Low Frequency 25.5mA @ 120Hz Ripple Current - High Frequency 150mA @ 100kHz Impedance 1.8 Ohms Lead Spacing 0.079" (2.00mm) Size / Dimension 0.197" Dia (5.00mm) Height - Seated (Max) Surface Mount Land Size - | Voltage - Rated | 50V |
| Operating Temperature -55°C ~ 105°C Polarization Applications General Purpose Ripple Current - Low Frequency Ripple Current - High Frequency 150mA @ 100kHz Impedance 1.8 Ohms Lead Spacing 0.079" (2.00mm) Size / Dimension Height - Seated (Max) Surface Mount Land Size -55°C ~ 105°C 0.015°C Polar Polar -55°C ~ 105°C 0.015°C 0.0107°C 25.5mA @ 120Hz 150mA @ 100kHz 150mA @ 100kHz 1.8 Ohms 0.079" (2.00mm) 0.197" Dia (5.00mm) | ESR (Equivalent Series Resistance) | - |
| Polarization Applications General Purpose Ripple Current - Low Frequency Ripple Current - High Frequency 150mA @ 120Hz Ripple Current - High Frequency 1.8 Ohms Lead Spacing 0.079" (2.00mm) Size / Dimension 0.197" Dia (5.00mm) Height - Seated (Max) 0.492" (12.50mm) Surface Mount Land Size | Lifetime @ Temp. | 2000 Hrs @ 105°C |
| Applications Ripple Current - Low Frequency Ripple Current - High Frequency 150mA @ 120Hz Impedance 1.8 Ohms Lead Spacing 0.079" (2.00mm) Size / Dimension Height - Seated (Max) Surface Mount Land Size General Purpose 25.5mA @ 120Hz 150mA @ 100kHz 1.8 Ohms 0.079" (2.00mm) 0.197" Dia (5.00mm) | Operating Temperature | -55°C ~ 105°C |
| Ripple Current - Low Frequency Ripple Current - High Frequency 150mA @ 100kHz Impedance 1.8 Ohms Lead Spacing 0.079" (2.00mm) Size / Dimension 0.197" Dia (5.00mm) Height - Seated (Max) 0.492" (12.50mm) Surface Mount Land Size - | Polarization | Polar |
| Ripple Current - High Frequency Impedance 1.8 Ohms Lead Spacing 0.079" (2.00mm) Size / Dimension 0.197" Dia (5.00mm) Height - Seated (Max) 0.492" (12.50mm) Surface Mount Land Size - | Applications | General Purpose |
| Impedance 1.8 Ohms Lead Spacing 0.079" (2.00mm) Size / Dimension 0.197" Dia (5.00mm) Height - Seated (Max) 0.492" (12.50mm) Surface Mount Land Size - | Ripple Current - Low Frequency | 25.5mA @ 120Hz |
| Lead Spacing 0.079" (2.00mm) Size / Dimension 0.197" Dia (5.00mm) Height - Seated (Max) 0.492" (12.50mm) Surface Mount Land Size - | Ripple Current - High Frequency | 150mA @ 100kHz |
| Size / Dimension0.197" Dia (5.00mm)Height - Seated (Max)0.492" (12.50mm)Surface Mount Land Size- | Impedance | 1.8 Ohms |
| Height - Seated (Max) Surface Mount Land Size 0.492" (12.50mm) - | Lead Spacing | 0.079" (2.00mm) |
| Surface Mount Land Size - | Size / Dimension | 0.197" Dia (5.00mm) |
| | Height - Seated (Max) | 0.492" (12.50mm) |
| | Surface Mount Land Size | - |
| Mounting Type Through Hole | Mounting Type | Through Hole |
| Package / Case Radial, Can | Package / Case | Radial, Can |
| Report errors? | | Report errors? |

UPS1H220MDD 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.

UPS1H220MDD Payment Methods



















UPS1H220MDD Shipping Methods













If you have any question about UPS1H220MDD, please do not hesitate to contact us!

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