

# UHC1E470MDD

Request a Quote

#### **UHC1E470MDD** Information

| Heisener.com       | Part Number  | UHC1E470MDD   |
|--------------------|--------------|---|
|                    | Manufacturer | Nichicon  |
|                    | Category     | Capacitors<br>Aluminum Electrolytic Capacitors      |
|                    | Description  | CAP ALUM 47UF 20% 25V RADIAL                        |
|                    | Package      | Radial, Can   |
|                    |              | For the pricing/inventory/lead time, please contact |
|                    |              | us  |
| For Reference Only |              | Website: https://www.heisener.com                   |
| -                  |              | E-mail: salesdept@heisener.com                      |

## **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.



## **UHC1E470MDD Specifications**

| Manufacturer Part NumberUHC 1E470MDDManufacturer ANichiconCategoryCapacitorsAlminum Electrolytic CapacitorsPackageRadial, CanSeriesUHCCapacitance4/µµTolerance250%Voltage - Rated250%ESR (Equivalent Series Resistance)-Lifetime @ Temp.1000 Hrs @ 105°COperating Temperature90a'rApplications1100 Hrs@ 105°CPolarization90a'rApple Current - High Frequency255 GmA @ 120 HzRippe Current - High Frequency300 Mrs@ 100 KHzLiad Spacing0098" (2.50mm)Size J Dimension0.248" DiaGomm)Surface Mount Land Size-Mounting TypeHrough HolePackage Case-Mounting TypeAnongh HolePackage Case-Mounting Type-Package Case-Mounting Type-Package Case-Package Case  | -                                  |                                  |
|--|------------------------------------|----------------------------------|
| CategoryCapacitorsAluminum Electrolytic CapacitonsPackageRadial, CanSeriesUHCCapacitance47µFTolerance±20%Voltage - RatedSVESR (Equivalent Series Resistance)-Lifetime @ Temp.1000 Hrs @ 105°COperating Temperature40°C ~ 105°CPolarizationHigh Temperature ReflowApplicationsStom Aluma 200 HrsRippe Current - High Frequency255 GmA @ 120 HrzImpedance150 mOhmsLad Spacing0.998° (2.50mn)Size / Dimension0.915° (8.00mn)Hight - Seated (Max)0.315° (8.00mn)Surface Mount Land Size-Mounting TypeFrough HolePackage / CaseMana Can CategotRing Package / CaseAluma Aluma A | Manufacturer Part Number           | UHC1E470MDD                      |
| Aluminum Electrolytic CapacitorsPackageRadial, CanSeriesUHCCapacitance47μFTolerance±20%Voltage - RatedSVESR (Equivalent Series Resistance)-Lifetime @ Temp.1000 Hrs @ 105°COperating Temperature40°C ~ 105°CPolarizationPolarApplicationsHigh Temperature ReflowRipple Current - Low Frequency225.6mA @ 120HzRipple Current - High Frequency500 mOhmsLied Spacing0.098° (2.50mm)Size / Dimension0.248° Dia (6.30mm)Hight - Seated (Max)0.315° (8.00mm)Surface Mount Land Size-Mounting TypeFacuage / Case  | Manufacturer                       | Nichicon                         |
| PackageRadial, CanSeriesUHCCapacitance47µFTolerance±20%Voltage - Rated25VESR (Equivalent Series Resistance)-Lifetime @ Temp.1000 Hrs @ 105°COperating Temperature40°C ~ 105°CPolarizationPolarApplicationsHigh Temperature ReflowRipple Current - Low Frequency225.6mA @ 120HzImpedance150 mOhmsLide Spacing0.098° (2.50mm)Size / Dimension0.248° Dia (6.30mm)Size / Dimension0.31° (8.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can   | Category                           | Capacitors                       |
| SeriesUHCCapacitance47µFTolerance±20%Voltage - Rated5VESR (Equivalent Series Resistance)-Lifetime @ Temp.1000 Hrs @ 105°COperating Temperature40°C ~ 105°CPolarizationPolarApplicationsHigh Temperature ReflowRipple Current - Low Frequency225.6mA @ 120HzImpedance150 mOhmsLiad Spacing0.098° (2.50mm)Size / Dimension0.248° Dia (6.30mm)Surface Mount Land Size-Mounting TypeFrough HolePokange / CaseMail Acan   |                                    | Aluminum Electrolytic Capacitors |
| Capacitance47µFTolerance±20%Voltage - Rated55VESR (Equivalent Series Resistance)-Lifetime @ Temp.1000 Hrs @ 105°COperating Temperature40°C ~ 105°CPolarizationPolarApplicationsHigh Temperature ReflowRipple Current - High Frequency480mA @ 100kHzImpedance150 mOhmsSize / Dimension0.998° (2.50mm)Size / Dimension0.315° (8.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can  | Package                            | Radial, Can                      |
| Tolerance±20%Voltage - Rated25VESR (Equivalent Series Resistance)-Lifetime @ Temp.1000 Hrs @ 105°COperating Temperature-40°C ~ 105°CPolarizationPolarApplicationsHigh Temperature ReflowRipple Current - Low Frequency225.6mA @ 120HzRippe Current - High Frequency150 mOhmsLead Spacing0.098" (2.50mm)Size / Dimension0.248" Dia (6.30mm)Hight - Seated (Max)0.315" (8.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseKadia, Can   | Series                             | UHC                              |
| Voltage - Rated25VESR (Equivalent Series Resistance)-Lifetime @ Temp.1000 Hrs @ 105°COperating Temperature-40°C ~ 105°CPolarizationPolarApplicationsHigh Temperature ReflowRipple Current - Low Frequency225.6mA @ 120HzRipple Current - High Frequency480mA @ 100kHzImpedance150 mOhmsLead Spacing0.098" (2.50mm)Size / Dimension0.248" Dia (6.30mm)Height - Seated (Max)0.315" (8.00mm)Surface Mount Land Size-Hounting TypeThrough HolePackage / CaseRadial, Can  | Capacitance                        | 47µF                             |
| ESR (Equivalent Series Resistance)-Lifetime @ Temp.1000 Hrs @ 105°COperating Temperature-40°C ~ 105°CPolarizationPolarApplicationsHigh Temperature ReflowApple Current - Low Frequency225.6mA @ 120HzRipple Current - High Frequency480mA @ 100kHzImpedance150 mOhmsLead Spacing0.098" (2.50mm)Size / Dimension0.248" Dia (6.30mm)Height - Seated (Max)0.315" (8.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can   | Tolerance                          | ±20%                             |
| Lifetime @ Temp.1000 Hrs @ 105°COperating Temperature-40°C ~ 105°CPolarizationPolarApplicationsHigh Temperature ReflowRipple Current - Low Frequency225.6mA @ 120HzRipple Current - High Frequency480mA @ 100kHzImpedance150 mOhmsLead Spacing0.098" (2.50mm)Size / Dimension0.248" Dia (6.30mm)Hight - Seated (Max)0.315" (8.00mm)Surface Mount Land Size-Mounting TypeEndage/ CaseRackage / CaseRadial, Can  | Voltage - Rated                    | 25V                              |
| Operating Temperature-40°C ~ 105°CPolarizationPolarApplicationsHigh Temperature ReflowApple Current - Low Frequency225.6mA @ 120HzRipple Current - High Frequency480mA @ 100kHzImpedance150 mOhmsLead Spacing0.098" (2.50mm)Size / Dimension0.248" Dia (6.30mm)Hight - Seated (Max)0.315" (8.00mm)Surface Mount Land Size-Mounting TypeFackage / CaseRadial, CanRadial, Can  | ESR (Equivalent Series Resistance) | -                                |
| PolarizationPolarPolarizationPolarApplicationsHigh Temperature ReflowRipple Current - Low Frequency225.6mA @ 120HzRipple Current - High Frequency480mA @ 100kHzImpedance150 mOhmsLead Spacing0.098" (2.50mm)Size / Dimension0.248" Dia (6.30mm)Height - Seated (Max)0.315" (8.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can  | Lifetime @ Temp.                   | 1000 Hrs @ 105°C                 |
| ApplicationsHigh Temperature ReflowRipple Current - Low Frequency225.6mA @ 120HzRipple Current - High Frequency480mA @ 100kHzImpedance150 mOhmsLead Spacing0.098" (2.50mm)Size / Dimension0.248" Dia (6.30mm)Height - Seated (Max)0.315" (8.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadia, Can   | Operating Temperature              | -40°C ~ 105°C                    |
| Ripple Current - Low Frequency225.6mA @ 120HzRipple Current - High Frequency480mA @ 100kHzImpedance150 mOhmsLead Spacing0.098" (2.50mm)Size / Dimension0.248" Dia (6.30mm)Height - Seated (Max)0.315" (8.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can   | Polarization                       | Polar                            |
| Ripple Current - High Frequency480mA @ 100kHzImpedance150 mOhmsLead Spacing0.098" (2.50mm)Size / Dimension0.248" Dia (6.30mm)Height - Seated (Max)0.315" (8.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can  | Applications                       | High Temperature Reflow          |
| Impedance150 mOhmsLead Spacing0.098" (2.50mm)Size / Dimension0.248" Dia (6.30mm)Height - Seated (Max)0.315" (8.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can   | Ripple Current - Low Frequency     | 225.6mA @ 120Hz                  |
| IILead Spacing0.098" (2.50mm)Size / Dimension0.248" Dia (6.30mm)Height - Seated (Max)0.315" (8.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can   | Ripple Current - High Frequency    | 480mA @ 100kHz                   |
| Size / Dimension0.248" Dia (6.30mm)Height - Seated (Max)0.315" (8.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can  | Impedance                          | 150 mOhms                        |
| Height - Seated (Max)0.315" (8.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can   | Lead Spacing                       | 0.098" (2.50mm)                  |
| Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can   | Size / Dimension                   | 0.248" Dia (6.30mm)              |
| Mounting TypeThrough HolePackage / CaseRadial, Can   | Height - Seated (Max)              | 0.315" (8.00mm)                  |
| Package / Case Radial, Can   | Surface Mount Land Size            | -                                |
| -  | Mounting Type                      | Through Hole                     |
| Report errors?   | Package / Case                     | Radial, Can                      |
|  |                                    | Report errors?                   |

#### **UHC1E470MDD** 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 BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### **UHC1E470MDD** Payment Methods



#### **UHC1E470MDD Shipping Methods**



If you have any question about UHC1E470MDD, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com