

# UHV1V122MHD

### **UHV1V122MHD Information**

|                    | Part Number  | UHV1V122MHD   |  |
|--------------------|--------------|---|--|
| w whelse her.com   | Manufacturer | Nichicon  |  |
|                    | Category     | Capacitors<br>Aluminum Electrolytic Capacitors                      |  |
|                    | Description  | CAP ALUM 1200UF 20% 35V RADIAL                                      |  |
|                    | Package      | Radial, Can   |  |
|                    |              | For the pricing/inventory/lead time, please contact us              |  |
| For Reference Only |              | Website: https://www.heisener.com<br>E-mail: salesdept@heisener.com |  |



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## **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.



## **UHV1V122MHD Specifications**

| ManufacturerNichiconCategoryCapacitorsAluminum Electrolytic CapacitorsPackageRadial, CanSeriesUHVCapacitance1200µFTolerance±20%Voltage - Rated35VESR (Equivalent Series Resistance)-Lifetime @ Temp.6000 Hrs @ 105°COperating Temperature-40°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency.1914A @ 120HzRipple Current - High Frequency0.197" (5.00mm)Size / Dimension0.492" Dia (12.50mm)Height - Seated (Max).1063" (27.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseKadial, Can   | -                                  |                                  |
|---|------------------------------------|----------------------------------|
| CategoryCapacitorsAduminum Electrolytic CapacitorsPackageRadial, CanSeriesUHVCapacitance1200µFTolerance±20%Voltage - Rated35VESR (Equivalent Series Resistance)-Lifetime @ Temp.6000 Hrs @ 105°COperating Temperature90arPolarizationGeneral PurposeApplicationsGeneral PurposeRipple Current - High Frequency1.914A @ 120HzImpedance1.9197" (5.00mm)Lied Spacing0.197" (5.00mm)Size / Dimension0.492" Dia (12.50mm)Height - Seated (Max)1.663" (27.00mm)Surface Mount Land Size-Mounting TypeFacuancePackage / CaseKadia, Can  | Manufacturer Part Number           | UHV1V122MHD                      |
| Aluminum Electrolytic CapacitorsPackageRadial, CanSeriesUHVCapacitance1200μFTolerance±20%Voltage - RatedSvESR (Equivalent Series Resistance)-Lifetime @ Temp.6000 Hrs @ 105°COperating Temperature40°C ~ 105°CPolarizationGeneral PurposeApplicationsGeneral PurposeRipple Current - Low Frequency3.19A @ 120HzImpedance0.197" (5.00mm)Liad Spacing0.197" (5.00mm)Size / Dimension0.492" Dia (12.50mm)Size / Dimension1.063" (27.00mm)Surface Mount Land Size-Package / CaseRadial, Can   | Manufacturer                       | Nichicon                         |
| PackageRadial, CanSeriesUHVCapacitance1200µFTolerance±20%Voltage - Rated35VESR (Equivalent Series Resistance)-Operating Temperature6000 Hrs @ 105°COperating Temperature40°C ~ 105°CPolarizationGeneral PurposeApplications1.914A @ 120HzRipple Current - High Frequency3.19A @ 100kHzImpedance0.197" (5.00mm)Siz / Dimension0.492" Dia (12.50mm)Size / Dimension0.492" Dia (12.50mm)Sirface Mount Land Size-Mounting TypeThrough HolePackage / CaseKadial, Can   | Category                           | Capacitors                       |
| SeriesUHVCapacitance1200µFTolerance±20%Voltage - Rated35VESR (Equivalent Series Resistance)-Lifetime @ Temp.6000 Hrs @ 105°COperating Temperature-40°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency1.914A @ 120HzImpedance1.4mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.492" Dia (12.50mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseKadial, Can  |                                    | Aluminum Electrolytic Capacitors |
| Capacitance1200µFTolerance±20%Voltage - Rated35VESR (Equivalent Series Resistance)-Lifetime @ Temp.6000 Hrs @ 105°COperating Temperature-40°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency1.914A @ 120HzImpedance14 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.492" Dia (12.50mm)Height - Seated (Max)-Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseKadial, Can   | Package                            | Radial, Can                      |
| Tolerance±20%Voltage - Rated35VESR (Equivalent Series Resistance)-Lifetime @ Temp.6000 Hrs @ 105°COperating Temperature-40°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency1.914A @ 120HzImpedance14 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension1.063" (27.00mm)Height - Seated (Max)1.063" (27.00mm)Surface Mount Land Size-Pokage / CaseRatial, Can   | Series                             | UHV                              |
| Voltage - Rated35VESR (Equivalent Series Resistance)-Lifetime @ Temp.6000 Hrs @ 105°COperating Temperature-40°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency1.914A @ 120HzImpedance14 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.492" Dia (12.50mm)Height - Seated (Max)1.063" (27.00mm)Surface Mount Land Size-Pounting TypeRadial, Can  | Capacitance                        | 1200µF                           |
| ESR (Equivalent Series Resistance)-Lifetime @ Temp.6000 Hrs @ 105°COperating Temperature-40°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency1.914A @ 120HzRipple Current - High Frequency3.19A @ 100kHzImpedance0.197" (5.00mm)Size / Dimension0.492" Dia (12.50mm)Height - Seated (Max)1.063" (27.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can   | Tolerance                          | ±20%                             |
| Lifetime @ Temp.6000 Hrs @ 105°COperating Temperature-40°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeAipple Current - Low Frequency1.914A @ 120HzRipple Current - High Frequency3.19A @ 100kHzImpedance14 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.492" Dia (12.50mm)Height - Seated (Max)-Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can   | Voltage - Rated                    | 35V                              |
| Operating Temperature-40°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency1.914A @ 120HzRipple Current - High Frequency3.19A @ 100kHzImpedance14 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.492" Dia (12.50mm)Height - Seated (Max)1.063" (27.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can  | ESR (Equivalent Series Resistance) | -                                |
| PolarizationPolarPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency1.914A @ 120HzRipple Current - High Frequency3.19A @ 100kHzImpedance14 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.492" Dia (12.50mm)Height - Seated (Max)1.063" (27.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can   | Lifetime @ Temp.                   | 6000 Hrs @ 105°C                 |
| ApplicationsGeneral PurposeRipple Current - Low Frequency1.914A @ 120HzRipple Current - High Frequency3.19A @ 100kHzImpedance14 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.492" Dia (12.50mm)Height - Seated (Max)1.063" (27.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can   | Operating Temperature              | -40°C ~ 105°C                    |
| Ripple Current - Low Frequency1.914A @ 120HzRipple Current - High Frequency3.19A @ 100kHzImpedance14 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.492" Dia (12.50mm)Height - Seated (Max)1.063" (27.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can  | Polarization                       | Polar                            |
| In PropositionSecond Second Secon | Applications                       | General Purpose                  |
| Impedance14 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.492" Dia (12.50mm)Height - Seated (Max)1.063" (27.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can   | Ripple Current - Low Frequency     | 1.914A @ 120Hz                   |
| IILead Spacing0.197" (5.00mm)Size / Dimension0.492" Dia (12.50mm)Height - Seated (Max)1.063" (27.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can  | Ripple Current - High Frequency    | 3.19A @ 100kHz                   |
| Size / Dimension0.492" Dia (12.50mm)Height - Seated (Max)1.063" (27.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can   | Impedance                          | 14 mOhms                         |
| Height - Seated (Max)1.063" (27.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can   | Lead Spacing                       | 0.197" (5.00mm)                  |
| Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can  | Size / Dimension                   | 0.492" Dia (12.50mm)             |
| Mounting TypeThrough HolePackage / CaseRadial, Can  | Height - Seated (Max)              | 1.063" (27.00mm)                 |
| Package / Case Radial, Can  | Surface Mount Land Size            | -                                |
|   | Mounting Type                      | Through Hole                     |
| Report errors?  | Package / Case                     | Radial, Can                      |
|   |                                    | Report errors?                   |

#### **UHV1V122MHD 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.

#### **UHV1V122MHD Payment Methods**



## **UHV1V122MHD Shipping Methods**



If you have any question about UHV1V122MHD, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com