

# UHV1V680MED

### **UHV1V680MED Information**

	Part Number	UHV1V680MED
www.eelsener.com	Manufacturer	Nichicon
	Category	Capacitors Aluminum Electrolytic Capacitors
	Description	CAP ALUM 68UF 20% 35V RADIAL
	Package	Radial, Can
For Reference Only		For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com 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.



# **UHV1V680MED Specifications**

ManufacturerNichiconCategoryCapacitorsAluminum Electrolytic CapacitorsPackageRadial, CanSeriesUHVCapacitance68µFTolerance±20%Voltage - Rated35VESR (Equivalent Series Resistance)-Lifetime @ Temp.5000 Hrs @ 105°COperating Temperature40°C ~ 105°CPolarizationGeneral PurposeRipple Current - Low Frequency180mA @ 120HzRipple Current - High Frequency0.098" (2.50mm)Size / Dimension0.248" Dia (6.30mm)Size / Dimension0.492" (12.50mm)Surface Mount Land Size-Mounting TypeThrough Hole		
CategoryCapacitorsAluminum Electrolytic CapacitorsPackageRadial, CanPackageRadial, CanSeriesUHVCapacitance68µFTolerance±20%Voltage - Rated35∨ESR (Equivalent Series Resistance)-Lifetime @ Temp.5000 Hrs @ 105°COperating Temperature40°C ~ 105°CPolarizationGeneral PurposeRipple Current - Low Frequency180mA @ 120HzRipple Current - High Frequency0.098" (2.50mm)Size / Dimension0.248" Dia (6.30mm)Size / Dimension0.492" (12.50mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Manufacturer Part Number	UHV1V680MED
Aluminum Electrolytic CapacitorsPackageRadial, CanSeriesUHVCapacitance68µFTolerance±20%Voltage - Rated35VESR (Equivalent Series Resistance)-Lifetime @ Temp.5000 Hrs @ 105°COperating Temperature40°C ~ 105°CPolarizationGeneral PurposeRipple Current - Low Frequency180mA @ 120HzRipple Current - High Frequency450mA @ 100kHzImpedance0.098" (2.50mm)Size / Dimension0.442" (12.50mm)Size / Dimension0.492" (12.50mm)Surface Mount Land Size-Mounting TypeFnough HolePackage / CaseRadial, Can	Manufacturer	Nichicon
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Voltage - Rated35VESR (Equivalent Series Resistance)-Lifetime @ Temp.5000 Hrs @ 105°COperating Temperature-40°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency180mA @ 120HzRipple Current - High Frequency450mA @ 100kHzImpedance100 mOhmsLead Spacing0.98" (2.50mm)Size / Dimension0.492" (12.50mm)Height - Seated (Max)0.492" (12.50mm)Surface Mount Land Size-Package / CaseRadial, Can	Capacitance	68µF
ESR (Equivalent Series Resistance)-Lifetime @ Temp.5000 Hrs @ 105°COperating Temperature-40°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency180mA @ 120HzMipedance100 mOhmsLead Spacing0.98" (2.50mm)Size / Dimension0.492" (12.50mm)Height - Seated (Max)0.492" (12.50mm)Surface Mount Land Size-Mounting TypeFnrough HolePackage / CaseRadial, Can	Tolerance	±20%
Lifetime @ Temp.5000 Hrs @ 105°COperating Temperature-40°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency180mA @ 120HzRipple Current - High Frequency450mA @ 100kHzImpedance100 mOhmsLead Spacing0.098" (2.50mm)Size / Dimension0.248" Dia (6.30mm)Height - Seated (Max)0.492" (12.50mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Voltage - Rated	35V
Operating Temperature-40°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency180mA @ 120HzRipple Current - High Frequency450mA @ 100kHzImpedance100 mOhmsLead Spacing0.098" (2.50mm)Size / Dimension0.248" Dia (6.30mm)Height - Seated (Max)-Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	ESR (Equivalent Series Resistance)	-
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AARipple Current - Low Frequency180mA @ 120HzRipple Current - High Frequency450mA @ 100kHzImpedance100 mOhmsLead Spacing0.098" (2.50mm)Size / Dimension0.248" Dia (6.30mm)Height - Seated (Max)0.492" (12.50mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Polarization	Polar
InInRipple Current - High Frequency450mA @ 100kHzImpedance100 mOhmsLead Spacing0.098" (2.50mm)Size / Dimension0.248" Dia (6.30mm)Height - Seated (Max)0.492" (12.50mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Applications	General Purpose
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Size / Dimension0.248" Dia (6.30mm)Height - Seated (Max)0.492" (12.50mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Impedance	100 mOhms
Height - Seated (Max)0.492" (12.50mm)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)	0.492" (12.50mm)
Package / Case Radial, Can	Surface Mount Land Size	-
	Mounting Type	Through Hole
Report errors?	Package / Case	Radial, Can
		Report errors?

#### **UHV1V680MED** 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.

#### **UHV1V680MED Payment Methods**



## **UHV1V680MED Shipping Methods**



If you have any question about UHV1V680MED, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com