

# UVY1V682MHD

## **UVY1V682MHD Information**



Part Number	UVY1V682MHD	
Manufacturer	Nichicon	
Category	Capacitors Aluminum Electrolytic Capacitors	
Description	CAP ALUM 6800UF 20% 35V RADIAL	
Package	Radial, Can	
	For the pricing/inventory/lead time, please contact	
	us	
	Website: https://www.heisener.com	
	E-mail: salesdept@heisener.com	



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For Reference Only

# **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.



# **UVY1V682MHD Specifications**

Manufacturer Part NumberUVY1V682MHDManufacturer ANichiconCategoryCapacitorsAluminum Electrolytic CapacitorsPackageRadial, CanSeriesUVYCapacitance6800µFTolerance±20%Voltage - Rated35VESR (Equivalent Series Resistance)-Operating Temperature9000 Hrs @ 105°COperating Temperature55°C ~ 105°CPolarizationGeneral PurposeApplicationsGeneral PurposeRipple Current - High Frequency3.A @ 10kHzImpedance-Lead Spacing0.295°(7.50mn)Size / Dimension0.709° Dia (18.00mn)Hight - Seated (Max)1.654" (42.00mn)Surface Mount Land Size-Surface Mount Land Size-		
CategoryCapacitorsAluminum Electrolytic CapacitorsPackageRadial, CanSeriesUVYCapacitance6800µFTolerance±20%Voltage - Rated35VESR (Equivalent Series Resistance)-Derating Temper1000 Hrs @ 105°COperating Temperature>55°C ~ 105°COperating TemperatureGeneral PurposeApplicationsGeneral PurposeRipple Current - High Frequency3.3 A @ 100 HrzImpedance-Lad Spacing0.25°T, 7.50mm)Ster / Dimension1.624°T, 8.00mm)Hight - Seated (Max)1.654°T, 42.00mm)	Manufacturer Part Number	UVY1V682MHD
Aluminum Electrolytic CapacitorsPackageRadial, CanSeriesUVYCapacitance6800µFTolerance±20%Voltage - Rated35VESR (Equivalent Series Resistance)-Lifetime @ Temp.1000 Hrs @ 105°COperating Temperature>55°C ~ 105°C ~ 105°CPolarizationGeneral PurposeApplicationsGeneral PurposeRipple Current - Low Frequency2.3A @ 10kHzImpedance-Lad Spacing0.295" (7.50mm)Size / Dimension6.70° Dia (18.00mm)Height - Seated (Max)1.654" (42.00mm)	Manufacturer	Nichicon
PackageRadial, CanSeriesUVYCapacitance6800µFTolerance±20%Voltage - Rated35VESR (Equivalent Series Resistance)-Lifetime @ Temp.1000 Hrs @ 105°COperating Temperature>55°C ~ 105°CPolarzationPolarApplicationsGeneral PurposeRipple Current - High Frequency2.3A @ 10kHzImpedance-Lead Spacing0.295" (7.50mm)Size / Dimension0.709" Dia (18.00mm)Height - Seated (Max)1.654" (42.00mm)	Category	Capacitors
SeriesUVYCapacitance6800µFTolerance±20%Voltage - Rated35VESR (Equivalent Series Resistance)-Lifetim @ Temp.1000 Hrs @ 105°COperating Temperature-55°C ~ 105°CPolarizationGeneral PurposeApplicationsSA @ 120HzRipple Current - High Frequency-Lead Spacing-Lead Spacing-Size / Dimension0.295° (7.50mm)Hight - Seated (Max)1.654″ (42.00mm)		Aluminum Electrolytic Capacitors
Capacitance6800µFTolerance±20%Voltage - Rated35VESR (Equivalent Series Resistance)-Lifetime @ Temp.1000 Hrs @ 105°COperating Temperature>55°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - High Frequency2.3 A @ 100 HrzImpedance-Lead Spacing0.295°(7.50mm)Size / Dimension0.709° Dia (18.00mm)Height - Seated (Max)1.654° (42.00mm)	Package	Radial, Can
Tolerance±20%Voltage - Rated35VESR (Equivalent Series Resistance)-Lifetime @ Temp.1000 Hrs @ 105°COperating Temperature-55°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency2.4 @ 120HzImpedance-Lead Spacing0.295° (7.50mm)Size / Dimension0.709° Dia (18.00mm)Height - Seated (Max)1.654° (42.00mm)	Series	UVY
Voltage - Rated35VESR (Equivalent Series Resistance)-Lifetime @ Temp.1000 Hrs @ 105°COperating Temperature-55°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - High Frequency2A @ 120HzImpedance-Lead Spacing0.295" (7.50mm)Size / Dimension0.709" Dia (18.00mm)Height - Seated (Max)1.654" (42.00mm)	Capacitance	6800µF
ESR (Equivalent Series Resistance)-Lifetime @ Temp.1000 Hrs @ 105°COperating Temperature-55°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency2A @ 120HzRipple Current - High Frequency2.3A @ 10kHzImpedance-Lead Spacing0.295" (7.50mm)Size / Dimension0.709" Dia (18.00mm)Height - Seated (Max)1.654" (42.00mm)	Tolerance	$\pm 20\%$
Lifetime @ Temp.1000 Hrs @ 105°COperating Temperature-55°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency2A @ 120HzRipple Current - High Frequency-Lead Spacing-Size / Dimension0.295" (7.50mm)Height - Seated (Max)1.654" (42.00mm)	Voltage - Rated	35V
Operating Temperature-55°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency2A @ 120HzRipple Current - High Frequency2.3A @ 10kHzImpedance-Lead Spacing0.295" (7.50mm)Size / Dimension0.709" Dia (18.00mm)Height - Seated (Max)1.654" (42.00mm)	ESR (Equivalent Series Resistance)	-
PolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency2A @ 120HzRipple Current - High Frequency2.3A @ 10kHzImpedance-Lead Spacing0.295" (7.50mm)Size / Dimension0.709" Dia (18.00mm)Height - Seated (Max)1.654" (42.00mm)	Lifetime @ Temp.	1000 Hrs @ 105°C
ApplicationsGeneral PurposeRipple Current - Low Frequency2A @ 120HzRipple Current - High Frequency2.3A @ 10kHzImpedance-Lead Spacing0.295" (7.50mm)Size / Dimension0.709" Dia (18.00mm)Height - Seated (Max)1.654" (42.00mm)	Operating Temperature	-55°C ~ 105°C
Ripple Current - Low Frequency2A @ 120HzRipple Current - High Frequency2.3A @ 10kHzImpedance-Lead Spacing0.295" (7.50mm)Size / Dimension0.709" Dia (18.00mm)Height - Seated (Max)1.654" (42.00mm)	Polarization	Polar
Ripple Current - High Frequency2.3A @ 10kHzImpedance-Lead Spacing0.295" (7.50mm)Size / Dimension0.709" Dia (18.00mm)Height - Seated (Max)1.654" (42.00mm)	Applications	General Purpose
Impedance-Lead Spacing0.295" (7.50mm)Size / Dimension0.709" Dia (18.00mm)Height - Seated (Max)1.654" (42.00mm)	Ripple Current - Low Frequency	2A @ 120Hz
Lead Spacing 0.295" (7.50mm)   Size / Dimension 0.709" Dia (18.00mm)   Height - Seated (Max) 1.654" (42.00mm)	Ripple Current - High Frequency	2.3A @ 10kHz
Size / Dimension   0.709" Dia (18.00mm)     Height - Seated (Max)   1.654" (42.00mm)	Impedance	-
Height - Seated (Max) 1.654" (42.00mm)	Lead Spacing	0.295" (7.50mm)
	Size / Dimension	0.709" Dia (18.00mm)
Surface Mount Land Size -	Height - Seated (Max)	1.654" (42.00mm)
	Surface Mount Land Size	-
Mounting Type Through Hole	Mounting Type	Through Hole
Package / Case Radial, Can	Package / Case	Radial, Can
Report errors?		Report errors?

#### **UVY1V682MHD 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 EUARANTEE

#### **Service Guarantees**

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

## **UVY1V682MHD** Payment Methods



# UVY1V682MHD Shipping Methods



If you have any question about UVY1V682MHD, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com