

# UHW1E681MPD

## **UHW1E681MPD Information**

(	www.reisener.com	Part Number Manufacturer Category Description Package	Capacitors Aluminum Electrolytic Capacitors CAP ALUM 680UF 20% 25V RADIAL Radial, Can For the pricing/inventory/lead time, please contact	
	For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

# **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.



# **UHW1E681MPD Specifications**

ManufacturerNichiconCapacitorsCapacitorsPackageRadial, CanPackageRadial, CanSeriesUHWCapacitance680µFTolerance±20%Voltage - Rated25VESR (Equivalent Series Resistance)-Lifetime @ Temp.10000 Hrs @ 105°COperating Temperature40°C ~ 105°CPolarizationGeneral PurposeRipple Current - High Frequency30 mOhmsLiget Agacing0.197" (5.00mm)Size / Dimension0.394" Dia (10.00mm)Size / Dimension0.394" Dia (10.00mm)Height - Seated (Max)0.689" (17.50mm)Surface Mount Land Size-Package / CaseKaila, Can		
CategoryCapacitorsAluminum Electrolytic CapacitorsPackageRadial, CanPackageRadial, CanSeriesUHWCapacitance680µFTolerance±20%Voltage - Rated25VESR (Equivalent Series Resistance)-Lifetime @ Temp.10000 Hrs @ 105°COperating Temperature-40°C ~ 105°CPolarizationGeneral PurposeRipple Current - Low Frequency1.2A @ 120HzRipple Current - High Frequency30 mOhmsLied Spacing0.197" (5.00mm)Size / Dimension0.394" Dia (10.00mm)Height - Seated (Max)0.689" (17.50mm)Surface Mount Land Size-Package / CaseRadial, Can	Manufacturer Part Number	UHW1E681MPD
Aluminum Electrolytic CapacitorsPackageRadial, CanSeriesUHWCapacitance680µFTolerance±20%Voltage - Rated5VESR (Equivalent Series Resistance)-Lifetime @ Temp.10000 Hrs @ 105°COperating Temperature40°C ~ 105°CPolarizationGeneral PurposeRipple Current - Low Frequency1.2A @ 120HzRipple Current - High Frequency2A @ 100kHzIbmedance0.197" (5.00mm)Size / Dimension0.394" Dia (10.00mm)Size / Dimension0.689" (17.50mm)Surface Mount Land Size-Package / CaseKadial, Can	Manufacturer	Nichicon
PackageRadial, CanSeriesUHWCapacitance680µFTolerance±20%Voltage - Rated25VESR (Equivalent Series Resistance)-Lifetime @ Temp.10000 Hrs @ 105°COperating Temperature-40°C ~ 105°CPolarizationGeneral PurposeRipple Current - Low Frequency1.2A @ 120HzRipple Current - High Frequency30 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.394" Dia (10.00mm)Size / Dimension0.689" (17.50mm)Surface Mount Land Size-Package / CaseKadial, Can	Category	Capacitors
SeriesUHWCapacitance680μFTolerance±20%Voltage - Rated25VESR (Equivalent Series Resistance)-Lifetime @ Temp.10000 Hrs @ 105°COperating Temperature-40°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency1.2A @ 120HzInpedance30 mOhmsLied Spacing0.197" (5.00mm)Size / Dimension0.394" Dia (10.00mm)Height - Seated (Max)0.689" (17.50mm)Surface Mount Land Size-Package / CaseRadial, Can		Aluminum Electrolytic Capacitors
Capacitance680µFTolerance±20%Voltage - Rated25VESR (Equivalent Series Resistance)-Lifetime @ Temp.10000 Hrs @ 105°COperating Temperature-40°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency1.2A @ 100kHzInpedance30 mOhmsLied Spacing0.197" (5.00mm)Size / Dimension0.394" Dia (10.00mm)Height - Seated (Max)-Surface Mount Land Size-Package / CaseKadial, Can	Package	Radial, Can
Tolerance±20%Voltage - Rated25VESR (Equivalent Series Resistance)-Lifetime @ Temp.10000 Hrs @ 105°COperating Temperature-40°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency1.2A @ 120HzInpedance30 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.394" Dia (10.00mm)Height - Seated (Max)0.689" (17.50mm)Surface Mount Land Size-Package / CaseRadial, Can	Series	UHW
Voltage - Rated25VESR (Equivalent Series Resistance)-Lifetime @ Temp.10000 Hrs @ 105°COperating Temperature-40°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency1.2A @ 120HzInpedance30 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.689" (17.50mm)Height - Seated (Max)0.689" (17.50mm)Surface Mount Land Size-Package / CaseRadial, Can	Capacitance	680µF
ESR (Equivalent Series Resistance)-Lifetime @ Temp.10000 Hrs @ 105°COperating Temperature-40°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency1.2A @ 120HzBipple Current - High Frequency30 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.689" (17.50mm)Height - Seated (Max)0.689" (17.50mm)Surface Mount Land Size-Package / CaseRadial, Can	Tolerance	$\pm 20\%$
Lifetime @ Temp.10000 Hrs @ 105°COperating Temperature-40°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency1.2A @ 120HzRipple Current - High Frequency2A @ 100kHzImpedance30 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.394" Dia (10.00mm)Height - Seated (Max)0.689" (17.50mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Voltage - Rated	25V
Operating Temperature-40°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency1.2A @ 120HzRipple Current - High Frequency2A @ 100kHzImpedance30 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.394" Dia (10.00mm)Height - Seated (Max)0.689" (17.50mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	ESR (Equivalent Series Resistance)	-
PolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency1.2A @ 120HzRipple Current - High Frequency2A @ 100kHzImpedance30 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.394" Dia (10.00mm)Height - Seated (Max)0.689" (17.50mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Lifetime @ Temp.	10000 Hrs @ 105°C
ApplicationsGeneral PurposeRipple Current - Low Frequency1.2A @ 120HzRipple Current - High Frequency2A @ 100kHzImpedance30 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.394" Dia (10.00mm)Height - Seated (Max)0.689" (17.50mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Operating Temperature	$-40^{\circ}\mathrm{C} \sim 105^{\circ}\mathrm{C}$
Ripple Current - Low Frequency1.2A @ 120HzRipple Current - High Frequency2A @ 100kHzImpedance30 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.394" Dia (10.00mm)Height - Seated (Max)0.689" (17.50mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Polarization	Polar
Ripple Current - High Frequency2A @ 100kHzImpedance30 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.394" Dia (10.00mm)Height - Seated (Max)0.689" (17.50mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Applications	General Purpose
In restriction30 mOhmsImpedance30 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.394" Dia (10.00mm)Height - Seated (Max)0.689" (17.50mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Ripple Current - Low Frequency	1.2A @ 120Hz
Lead Spacing0.197" (5.00mm)Size / Dimension0.394" Dia (10.00mm)Height - Seated (Max)0.689" (17.50mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Ripple Current - High Frequency	2A @ 100kHz
Size / Dimension0.394" Dia (10.00mm)Height - Seated (Max)0.689" (17.50mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Impedance	30 mOhms
Height - Seated (Max)0.689" (17.50mm)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	0.394" Dia (10.00mm)
Mounting TypeThrough HolePackage / CaseRadial, Can	Height - Seated (Max)	0.689" (17.50mm)
Package / Case Radial, Can	Surface Mount Land Size	-
	Mounting Type	Through Hole
Report errors?	Package / Case	Radial, Can
		Report errors?

#### **UHW1E681MPD 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.

## **UHW1E681MPD** Payment Methods



## **UHW1E681MPD Shipping Methods**



If you have any question about UHW1E681MPD, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com