

# UPW1E820MED

### **UPW1E820MED Information**



Part Number	UPW1E820MED	
Manufacturer	Nichicon	
Category	Capacitors Aluminum Electrolytic Capacitors	
Description	CAP ALUM 82UF 20% 25V 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.



# **UPW1E820MED Specifications**

ManufacturerNichiconCapacitorsCapacitorsAluminum Electrolytic CapacitorsPackageRadial, CanSeriesUPWCapacitance\$2µFTolerance±20%Voltage - Rated25VESR (Equivalent Series Resistance)-Lifetime @ Temp.2000 Hrs @ 105°COperating Temperature55°C ~ 105°CPolarizationGeneral PurposeRipple Current - High Frequency188.5mA @ 120HzImpedance250 mOhmsLied Spacing0.098" (2.50mm)Size / Dimension0.443" (11.00mm)Height - Seated (Max)0.433" (11.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can		
CategoryCapacitorsAluminum Electrolytic CapacitorsPackageRadial, CanSeriesUPWCapacitance82µFTolerance±20%Voltage - Rated25VESR (Equivalent Series Resistance)-Lifetime @ Temp.2000 Hrs @ 105°COperating Temperature55°C ~ 105°CPolarizationGeneral PurposeApplicationsGeneral PurposeRipple Current - High Frequency188.5mA @ 120HzImpedance250 mOhmsLied Spacing0.098° (2.50mm)Size / Dimension0.433° (11.00mm)Height - Seated (Max)0.433° (11.00mm)Surface Mount Land Size-Package / CaseRadial, Can	Manufacturer Part Number	UPW1E820MED
Aluminum Electrolytic CapacitorsPackageRadial, CanSeriesUPWCapacitance\$2µFTolerance±20%Voltage - Rated5ESR (Equivalent Series Resistance)-Lifetime @ Temp.2000 Hrs @ 105°COperating Temperature-55°C ~ 105°CPolarizationGeneral PurposeRipple Current - Low Frequency188.5mA @ 120HzRipple Current - High Frequency2000 Mrs @ 100kHzImpedance250 mOhmsLad Spacing0.098" (2.50mm)Size / Dimension0.433" (11.00mm)Height - Seated (Max)0.433" (11.00mm)Surface Mount Land Size-Package / CaseRadial, Can	Manufacturer	Nichicon
PackageRadial, CanSeriesUPWCapacitance82µFTolerance±20%Voltage - Rated25VESR (Equivalent Series Resistance)-Lifetime @ Temp.2000 Hrs @ 105°COperating Temperature-55°C ~ 105°CPolarizationGeneral PurposeRipple Current - Low Frequency188.5mA @ 120HzRipple Current - High Frequency200 MrsImpedance250 mOhmsLad Spacing0.098" (2.50mm)Size / Dimension0.248" Dia (6.30mm)Height - Seated (Max)0.433" (11.00mm)Surface Mount Land Size-Package / CaseRadial, Can	Category	Capacitors
SeriesUPWCapacitance82µFTolerance±20%Voltage - Rated25VESR (Equivalent Series Resistance)-Lifetime @ Temp.2000 Hrs @ 105°COperating Temperature-55°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency188.5mA @ 120HzImpedance200 MrsLiad Spacing0.098" (2.50mm)Size / Dimension0.433" (11.00mm)Height - Seated (Max)-Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRatial, Can		Aluminum Electrolytic Capacitors
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Tolerance±20%Voltage - Rated25VESR (Equivalent Series Resistance)-Lifetime @ Temp.2000 Hrs @ 105°COperating Temperature-55°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency188.5mA @ 120HzRipple Current - High Frequency290mA @ 100kHzImpedance250 mOhmsLead Spacing0.098" (2.50mm)Size / Dimension0.248" Dia (6.30mm)Height - Seated (Max)0.433" (11.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Series	UPW
Voltage - Rated25VESR (Equivalent Series Resistance)-Lifetime @ Temp.2000 Hrs @ 105°COperating Temperature-55°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency188.5mA @ 120HzImpedance250 mOhmsLead Spacing0.098" (2.50mm)Size / Dimension0.433" (11.00mm)Height - Seated (Max)0.433" (11.00mm)Surface Mount Land Size-Pokage / CaseRatial, Can	Capacitance	82µF
ESR (Equivalent Series Resistance)-Lifetime @ Temp.2000 Hrs @ 105°COperating Temperature-55°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency188.5mA @ 120HzBipple Current - High Frequency290mA @ 100kHzImpedance250 mOhmsLead Spacing0.098" (2.50mm)Size / Dimension0.433" (11.00mm)Height - Seated (Max)0.433" (11.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Tolerance	±20%
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Operating Temperature-55°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency188.5mA @ 120HzBipple Current - High Frequency290mA @ 100kHzImpedance250 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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Image: A state of the state	Polarization	Polar
Ripple Current - High Frequency290mA @ 100kHzImpedance250 mOhmsLead Spacing0.098" (2.50mm)Size / Dimension0.248" Dia (6.30mm)Height - Seated (Max)0.433" (11.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Applications	General Purpose
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Lead Spacing0.098" (2.50mm)Size / Dimension0.248" Dia (6.30mm)Height - Seated (Max)0.433" (11.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Ripple Current - High Frequency	290mA @ 100kHz
Size / Dimension0.248" Dia (6.30mm)Height - Seated (Max)0.433" (11.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Impedance	250 mOhms
Height - Seated (Max)0.433" (11.00mm)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)	0.433" (11.00mm)
Package / Case Radial, Can	Surface Mount Land Size	-
	Mounting Type	Through Hole
Report errors?	Package / Case	Radial, Can
Report criois:		Report errors?

#### **UPW1E820MED** 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.

#### **UPW1E820MED** Payment Methods



## **UPW1E820MED Shipping Methods**



If you have any question about UPW1E820MED, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com