



### **UPTW6820MHD Information**



For Reference Only

Part Number UPTW6820MHD

Manufacturer Nichicon Category Capacitors

**Aluminum Electrolytic Capacitors** 

**Description** CAP ALUM 82UF 20% 420V RADIAL

Package Radial, Car

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.









## **UPTW6820MHD Specifications**

Manufacturer Part Number         UPTW6820MHD           Manufacturer         Nichicon           Category         Capacitors           Aluminum Electrolytic Capacitors           Package         Radial, Can           Series         UPT           Capacitance         82μF           Tolerance         ±20%           Voltage - Rated         420V           ESR (Equivalent Series Resistance)         -           Lifetime @ Temp.         5000 Hrs @ 105°C           Operating Temperature         -25°C ~ 105°C           Polarization         Polar           Applications         General Purpose           Ripple Current - Low Frequency         570mA @ 120Hz           Ripple Current - High Frequency         912mA @ 10kHz           Impedance         -           Lead Spacing         0.295" (7.50mm)           Size / Dimension         0.630" Dia (16.00mm)           Height - Seated (Max)         1.634" (41.50mm)           Surface Mount Land Size         -           Mounting Type         Through Hole           Package / Case         Radial, Can		
Category Capacitors Aluminum Electrolytic Capacitors Package Radial, Can UPT Capacitance 82µF Tolerance ±20% Voltage - Rated 420V ESR (Equivalent Series Resistance) Lifetime @ Temp. 5000 Hrs @ 105°C Operating Temperature -25°C ~ 105°C Polarization Applications General Purpose Ripple Current - Low Frequency Ripple Current - High Frequency Ripple Current - High Frequency 1912mA @ 10kHz Impedance Lead Spacing 0.295" (7.50mm) Size / Dimension Height - Seated (Max) Surface Mount Land Size Mounting Type Package / Case Radial, Can	Manufacturer Part Number	UPTW6820MHD
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Series         UPT           Capacitance         82μF           Tolerance         ±20%           Voltage - Rated         420V           ESR (Equivalent Series Resistance)         -           Lifetime @ Temp.         5000 Hrs @ 105°C           Operating Temperature         -25°C ~ 105°C           Polarization         Polar           Applications         General Purpose           Ripple Current - Low Frequency         570mA @ 120Hz           Ripple Current - High Frequency         912mA @ 10kHz           Impedance         -           Lead Spacing         0.295" (7.50mm)           Size / Dimension         0.630" Dia (16.00mm)           Height - Seated (Max)         1.634" (41.50mm)           Surface Mount Land Size         -           Mounting Type         Through Hole           Package / Case         Radial, Can		Aluminum Electrolytic Capacitors
Capacitance         82µF           Tolerance         ±20%           Voltage - Rated         420V           ESR (Equivalent Series Resistance)         -           Lifetime @ Temp.         5000 Hrs @ 105°C           Operating Temperature         -25°C ~ 105°C           Polarization         Polar           Applications         General Purpose           Ripple Current - Low Frequency         570mA @ 120Hz           Ripple Current - High Frequency         912mA @ 10kHz           Impedance         -           Lead Spacing         0.295" (7.50mm)           Size / Dimension         0.630" Dia (16.00mm)           Height - Seated (Max)         1.634" (41.50mm)           Surface Mount Land Size         -           Mounting Type         Through Hole           Package / Case         Radial, Can	Package	Radial, Can
Tolerance ±20%  Voltage - Rated 420V  ESR (Equivalent Series Resistance) - Lifetime @ Temp. 5000 Hrs @ 105°C  Operating Temperature -25°C ~ 105°C  Polarization Polar  Applications General Purpose  Ripple Current - Low Frequency 570mA @ 120Hz  Ripple Current - High Frequency 912mA @ 10kHz  Impedance - Lead Spacing 0.295" (7.50mm)  Size / Dimension 0.630" Dia (16.00mm)  Height - Seated (Max) 1.634" (41.50mm)  Surface Mount Land Size -  Mounting Type Through Hole  Package / Case Radial, Can	Series	UPT
Voltage - Rated  ESR (Equivalent Series Resistance)  Lifetime @ Temp.  5000 Hrs @ 105°C  Operating Temperature  -25°C ~ 105°C  Polarization  Applications  General Purpose  Ripple Current - Low Frequency  Ripple Current - High Frequency  12mA @ 120Hz  Impedance  -  Lead Spacing  0.295" (7.50mm)  Size / Dimension  Height - Seated (Max)  Surface Mount Land Size  Mounting Type  Through Hole  Package / Case  Radial, Can	Capacitance	82μF
ESR (Equivalent Series Resistance)  Lifetime @ Temp.  5000 Hrs @ 105°C  Operating Temperature  -25°C ~ 105°C  Polarization  Applications  General Purpose  Ripple Current - Low Frequency  Frequency  Fipple Current - High Frequency  Polam @ 10kHz  Impedance  Lead Spacing  0.295" (7.50mm)  Size / Dimension  Height - Seated (Max)  Surface Mount Land Size  Mounting Type  Through Hole  Package / Case  Polar  5000 Hrs @ 105°C  -0000 H	Tolerance	±20%
Lifetime @ Temp.  Operating Temperature  -25°C ~ 105°C  Polarization  Polar  Applications  General Purpose  Ripple Current - Low Frequency  Frequency  Ripple Current - High Frequency  Polama @ 120Hz  Ripple Current - High Frequency  Polama @ 10kHz  Impedance  Lead Spacing  O.295" (7.50mm)  Size / Dimension  O.630" Dia (16.00mm)  Height - Seated (Max)  Surface Mount Land Size  Mounting Type  Through Hole  Package / Case  Radial, Can	Voltage - Rated	420V
Operating Temperature -25°C ~ 105°C Polarization Polar Applications General Purpose Ripple Current - Low Frequency Frequency Ripple Current - High Frequency Polam @ 120Hz Ripple Current - High Frequency Polam @ 10kHz Impedance - Lead Spacing Dia (16.00mm) Size / Dimension Dia (16.00mm) Height - Seated (Max) Land Size Mounting Type Through Hole Package / Case Radial, Can	ESR (Equivalent Series Resistance)	-
Polarization Polar  Applications General Purpose  Ripple Current - Low Frequency 570mA @ 120Hz  Ripple Current - High Frequency 912mA @ 10kHz  Impedance -  Lead Spacing 0.295" (7.50mm)  Size / Dimension 0.630" Dia (16.00mm)  Height - Seated (Max) 1.634" (41.50mm)  Surface Mount Land Size -  Mounting Type Through Hole  Package / Case Radial, Can	Lifetime @ Temp.	5000 Hrs @ 105°C
Applications General Purpose Ripple Current - Low Frequency Frequency S70mA @ 120Hz Ripple Current - High Frequency S12mA @ 10kHz Impedance - Lead Spacing O.295" (7.50mm) Size / Dimension O.630" Dia (16.00mm) Height - Seated (Max) Surface Mount Land Size - Mounting Type Through Hole Package / Case Radial, Can	Operating Temperature	-25°C ~ 105°C
Ripple Current - Low Frequency  Ripple Current - High Frequency  912mA @ 10kHz  Impedance  - Lead Spacing  0.295" (7.50mm)  Size / Dimension  0.630" Dia (16.00mm)  Height - Seated (Max)  1.634" (41.50mm)  Surface Mount Land Size  - Mounting Type  Through Hole  Package / Case  Radial, Can	Polarization	Polar
Ripple Current - High Frequency  Impedance  Lead Spacing  Size / Dimension  Height - Seated (Max)  Surface Mount Land Size  Mounting Type  Through Hole  Package / Case  Package / Case  912mA @ 10kHz  912mA @ 10kHz  912mA @ 10kHz  912mA @ 10kHz  1.634" (4.50mm)  1.634" (4.50mm)  Through Hole  Radial, Can	Applications	General Purpose
Impedance - Lead Spacing 0.295" (7.50mm) Size / Dimension 0.630" Dia (16.00mm) Height - Seated (Max) 1.634" (41.50mm) Surface Mount Land Size - Mounting Type Through Hole Package / Case Radial, Can	Ripple Current - Low Frequency	570mA @ 120Hz
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Size / Dimension 0.630" Dia (16.00mm)  Height - Seated (Max) 1.634" (41.50mm)  Surface Mount Land Size -  Mounting Type Through Hole  Package / Case Radial, Can	Impedance	-
Height - Seated (Max)  Surface Mount Land Size  Mounting Type  Through Hole  Package / Case  Radial, Can	Lead Spacing	0.295" (7.50mm)
Surface Mount Land Size - Mounting Type Through Hole Package / Case Radial, Can	Size / Dimension	0.630" Dia (16.00mm)
Mounting Type Through Hole Package / Case Radial, Can	Height - Seated (Max)	1.634" (41.50mm)
Package / Case Radial, Can	Surface Mount Land Size	-
-	Mounting Type	Through Hole
Report errors?	Package / Case	Radial, Can
1		Report errors?

#### **UPTW6820MHD 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.

### **UPTW6820MHD Payment Methods**



















## **UPTW6820MHD Shipping Methods**













If you have any question about UPTW6820MHD, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com