



### ALS81U304NW040 Information

Heisener.com

Part Number ALS81U304NW040

Manufacturer KEMET Category Capacitors

**Aluminum Electrolytic Capacitors** 

**Description** CAP ALUM 300000UF 20% 40V SCREW

Package Radial, Can - Screw Terminals

For the pricing/inventory/lead time, please contact

us

For Reference Only

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.









## **ALS81U304NW040 Specifications**

Manufacturer Part Number  Manufacturer  KEMET  Category  Capacitors  Aluminum Electrolytic Capacitors  Package  Radial, Can - Screw Terminals  Series  ALS81  Capacitance  300000µF  Tolerance  ±20%  Voltage - Rated  40V  ESR (Equivalent Series Resistance)  Lifetime @ Temp.  Operating Temperature  -40°C ~ 105°C  Polarization  Applications  General Purpose  Ripple Current - Low Frequency  Ripple Current - High Frequency  Ripple	•	
Category         Capacitors           Package         Radial, Can - Screw Terminals           Series         ALS81           Capacitance         300000µF           Tolerance         ±20%           Voltage - Rated         40V           ESR (Equivalent Series Resistance)         7 mOhm @ 100Hz           Lifetime @ Temp.         2000 Hrs @ 105°C           Operating Temperature         -40°C ~ 105°C           Polarization         Polar           Applications         General Purpose           Ripple Current - Low Frequency         27.9A @ 100Hz           Ripple Current - High Frequency         28.8A @ 10kHz           Impedance         8 mOhms           Lead Spacing         1.252" (31.80mm)           Size / Dimension         3.031" Dia (77.00mm)           Height - Seated (Max)         6.732" (171.00mm)           Surface Mount Land Size         -           Mounting Type         Chassis Mount	Manufacturer Part Number	ALS81U304NW040
PackageAluminum Electrolytic CapacitorsPackageRadial, Can - Screw TerminalsSeriesAL S81Capacitance300000µFTolerance±20%Voltage - Rated40VESR (Equivalent Series Resistance)7 mOhm @ 100HzLifetime @ Temp.2000 Hrs @ 105°COperating Temperature-40°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency27.9A @ 100HzRipple Current - High Frequency28.8A @ 10kHzImpedance8 mOhmsLead Spacing1.252" (31.80mm)Size / Dimension3.031" Dia (77.00mm)Height - Seated (Max)6.732" (171.00mm)Surface Mount Land Size-Mounting TypeChassis Mount	Manufacturer	KEMET
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Voltage - Rated40VESR (Equivalent Series Resistance)7 mOhm @ 100HzLifetime @ Temp.2000 Hrs @ 105°COperating Temperature-40°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency27.9A @ 100HzRipple Current - High Frequency28.8A @ 10kHzImpedance8 mOhmsLead Spacing1.252" (31.80mm)Size / Dimension3.031" Dia (77.00mm)Height - Seated (Max)6.732" (171.00mm)Surface Mount Land Size-Mounting TypeChassis Mount	Capacitance	300000μF
ESR (Equivalent Series Resistance)  Lifetime @ Temp.  2000 Hrs @ 105°C  Operating Temperature  -40°C ~ 105°C  Polarization  Applications  General Purpose  Ripple Current - Low Frequency  27.9A @ 100Hz  Ripple Current - High Frequency  28.8A @ 10kHz  Impedance  8 mOhms  Lead Spacing  1.252" (31.80mm)  Size / Dimension  Height - Seated (Max)  Surface Mount Land Size  -  Mounting Type  7 mOhm @ 100Hz  2000 Hrs @ 105°C  -40°C ~ 100Hz  -40°C	Tolerance	±20%
Lifetime @ Temp.  2000 Hrs @ 105°C  Operating Temperature  -40°C ~ 105°C  Polarization  Polar  Applications  General Purpose  Ripple Current - Low Frequency  27.9A @ 100Hz  Ripple Current - High Frequency  28.8A @ 10kHz  Impedance  8 mOhms  Lead Spacing  1.252" (31.80mm)  Size / Dimension  3.031" Dia (77.00mm)  Height - Seated (Max)  6.732" (171.00mm)  Surface Mount Land Size  Mounting Type  Chassis Mount	Voltage - Rated	40V
Operating Temperature  -40°C ~ 105°C  Polarization  Applications  General Purpose  Ripple Current - Low Frequency  Ripple Current - High Frequency  28.8A @ 10kHz  Impedance  8 mOhms  Lead Spacing  1.252" (31.80mm)  Size / Dimension  3.031" Dia (77.00mm)  Height - Seated (Max)  Surface Mount Land Size  Mounting Type  -Chassis Mount	ESR (Equivalent Series Resistance)	7 mOhm @ 100Hz
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Ripple Current - Low Frequency  Ripple Current - High Frequency  28.8A @ 10kHz  Impedance  8 mOhms  Lead Spacing  1.252" (31.80mm)  Size / Dimension  3.031" Dia (77.00mm)  Height - Seated (Max)  6.732" (171.00mm)  Surface Mount Land Size  Mounting Type  Chassis Mount	Polarization	Polar
Ripple Current - High Frequency  Impedance  8 mOhms  Lead Spacing  1.252" (31.80mm)  Size / Dimension  3.031" Dia (77.00mm)  Height - Seated (Max)  5urface Mount Land Size  Mounting Type  28.8A @ 10kHz  6 mOhms  1.252" (31.80mm)  3.031" Dia (77.00mm)  6.732" (171.00mm)	Applications	General Purpose
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Size / Dimension3.031" Dia (77.00mm)Height - Seated (Max)6.732" (171.00mm)Surface Mount Land Size-Mounting TypeChassis Mount	Impedance	8 mOhms
Height - Seated (Max)  Surface Mount Land Size  Mounting Type  6.732" (171.00mm)  - Chassis Mount	Lead Spacing	1.252" (31.80mm)
Surface Mount Land Size - Mounting Type Chassis Mount	Size / Dimension	3.031" Dia (77.00mm)
Mounting Type Chassis Mount	Height - Seated (Max)	6.732" (171.00mm)
	Surface Mount Land Size	-
Package / Case Radial, Can - Screw Terminals	Mounting Type	Chassis Mount
č ,	Package / Case	Radial, Can - Screw Terminals
Report errors?		Report errors?

#### ALS81U304NW040 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.

## ALS81U304NW040 Payment Methods





















## ALS81U304NW040 Shipping Methods













If you have any question about ALS81U304NW040, please do not hesitate to contact us!

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