



MAL250017182E3 Information

Heisener.com

Part Number MAL250017182E3 Manufacturer Vishay BC Components

Category Capacitors

Aluminum Electrolytic Capacitors

Description CAP ALUM 1800UF 20% 450V SCREW

Radial, Can - Screw Terminals **Package**

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

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.









MAL250017182E3 Specifications

Manufacturer Part NumberMAL250017182E3ManufacturerVishay BC ComponentsCategoryCapacitorsPackageRadial, Can - Screw TerminalsSeries500 PGP-STCapacitance1800µFTolerance±20%Voltage - Rated450VESR (Equivalent Series Resistance)64 mOhm @ 120HzLifetime @ Temp.3000 Hrs @ 85°COperating Temperature-40°C ~ 85°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency15.9A @ 120HzRipple Current - High Frequency-Impedance48 mOhmsLead Spacing0.874" (22.20mm)Size / Dimension1.969" Dia (50.00mm)Height - Seated (Max)4.362" (110.80mm)Surface Mount Land Size-Mounting TypeChassis Mount	•	
Category Capacitors Aluminum Electrolytic Capacitors Package Radial, Can - Screw Terminals Series 500 PGP-ST Capacitance 1800µF Tolerance ±20% Voltage - Rated 450V ESR (Equivalent Series Resistance) 64 mOhm @ 120Hz Lifetime @ Temp. 3000 Hrs @ 85°C Operating Temperature -40°C ~ 85°C Polar Applications General Purpose Ripple Current - Low Frequency 15.9A @ 120Hz Ripple Current - High Frequency - Impedance 48 mOhms Lead Spacing 0.874" (22.20mm) Size / Dimension 1.969" Dia (50.00mm) Height - Seated (Max) 4.362" (110.80mm) Surface Mount Land Size -	Manufacturer Part Number	MAL250017182E3
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Series 500 PGP-ST Capacitance 1800μF Tolerance ±20% Voltage - Rated 450V ESR (Equivalent Series Resistance) 64 mOhm @ 120Hz Lifetime @ Temp. 3000 Hrs @ 85°C Operating Temperature -40°C ~ 85°C Polarization Polar Applications General Purpose Ripple Current - Low Frequency 15.9A @ 120Hz Ripple Current - High Frequency - Impedance 48 mOhms Lead Spacing 0.874" (22.20mm) Size / Dimension 1.969" Dia (50.00mm) Height - Seated (Max) 4.362" (110.80mm) Surface Mount Land Size -		Aluminum Electrolytic Capacitors
Capacitance 1800μF Tolerance ±20% Voltage - Rated 450V ESR (Equivalent Series Resistance) 64 mOhm @ 120Hz Lifetime @ Temp. 3000 Hrs @ 85°C Operating Temperature -40°C ~ 85°C Polarization Polar Applications General Purpose Ripple Current - Low Frequency 15.9A @ 120Hz Ripple Current - High Frequency - Impedance 48 mOhms Lead Spacing 0.874" (22.20mm) Size / Dimension 1.969" Dia (50.00mm) Height - Seated (Max) 4.362" (110.80mm) Surface Mount Land Size -	Package	Radial, Can - Screw Terminals
Tolerance ±20% Voltage - Rated 450V ESR (Equivalent Series Resistance) 64 mOhm @ 120Hz Lifetime @ Temp. 3000 Hrs @ 85°C Operating Temperature -40°C ~ 85°C Polarization Polar Applications General Purpose Ripple Current - Low Frequency 15.9A @ 120Hz Ripple Current - High Frequency - Impedance 48 mOhms Lead Spacing 0.874" (22.20mm) Size / Dimension 1.969" Dia (50.00mm) Height - Seated (Max) 4.362" (110.80mm) Surface Mount Land Size -	Series	500 PGP-ST
Voltage - Rated 450V ESR (Equivalent Series Resistance) 64 mOhm @ 120Hz Lifetime @ Temp. 3000 Hrs @ 85°C Operating Temperature -40°C ~ 85°C Polarization Polar Applications General Purpose Ripple Current - Low Frequency 15.9A @ 120Hz Ripple Current - High Frequency - Impedance 48 mOhms Lead Spacing 0.874" (22.20mm) Size / Dimension 1.969" Dia (50.00mm) Height - Seated (Max) 4.362" (110.80mm) Surface Mount Land Size -	Capacitance	1800μF
ESR (Equivalent Series Resistance) Lifetime @ Temp. 3000 Hrs @ 85°C Operating Temperature -40°C ~ 85°C Polarization Applications General Purpose Ripple Current - Low Frequency Ripple Current - High Frequency Impedance Lead Spacing Size / Dimension Height - Seated (Max) Surface Mount Land Size 64 mOhm @ 120Hz 64 mOhm @ 120Hz -40°C ~ 85°C Polar General Purpose 15.9A @ 120Hz - 18 mOhms - 19 mOhms 48 mOhms 48 mOhms 1969" Dia (50.00mm) 4.362" (110.80mm) -	Tolerance	±20%
Lifetime @ Temp. Operating Temperature -40°C ~ 85°C Polarization Applications General Purpose Ripple Current - Low Frequency Ripple Current - High Frequency Impedance Lead Spacing Size / Dimension Height - Seated (Max) Surface Mount Land Size 3000 Hrs @ 85°C -40°C ~ 85°C Polar General Purpose 15.9A @ 120Hz - 18.90 Mms - 19.69" Dia (50.00mm) 4.362" (110.80mm) - 19.69" Dia (50.00mm) - 19.69" Dia (50.00mm)	Voltage - Rated	450V
Operating Temperature -40°C ~ 85°C Polarization Polar Applications General Purpose Ripple Current - Low Frequency Ripple Current - High Frequency Impedance 48 mOhms Lead Spacing 0.874" (22.20mm) Size / Dimension 1.969" Dia (50.00mm) Height - Seated (Max) Surface Mount Land Size -40°C ~ 85°C Polar Polar -40°C ~ 85°C Polar -40°C ~ 85°C -685°C -685°C	ESR (Equivalent Series Resistance)	64 mOhm @ 120Hz
Polarization Polar Applications General Purpose Ripple Current - Low Frequency 15.9A @ 120Hz Ripple Current - High Frequency - Impedance 48 mOhms Lead Spacing 0.874" (22.20mm) Size / Dimension 1.969" Dia (50.00mm) Height - Seated (Max) 4.362" (110.80mm) Surface Mount Land Size -	Lifetime @ Temp.	3000 Hrs @ 85°C
Applications General Purpose Ripple Current - Low Frequency 15.9A @ 120Hz Ripple Current - High Frequency Impedance 48 mOhms Lead Spacing 0.874" (22.20mm) Size / Dimension 1.969" Dia (50.00mm) Height - Seated (Max) 4.362" (110.80mm) Surface Mount Land Size -	Operating Temperature	-40°C ~ 85°C
Ripple Current - Low Frequency Ripple Current - High Frequency Impedance 48 mOhms Lead Spacing 0.874" (22.20mm) Size / Dimension 1.969" Dia (50.00mm) Height - Seated (Max) 4.362" (110.80mm) Surface Mount Land Size -	Polarization	Polar
Ripple Current - High Frequency - Impedance 48 mOhms Lead Spacing 0.874" (22.20mm) Size / Dimension 1.969" Dia (50.00mm) Height - Seated (Max) 4.362" (110.80mm) Surface Mount Land Size -	Applications	General Purpose
Impedance 48 mOhms Lead Spacing 0.874" (22.20mm) Size / Dimension 1.969" Dia (50.00mm) Height - Seated (Max) 4.362" (110.80mm) Surface Mount Land Size -	Ripple Current - Low Frequency	15.9A @ 120Hz
Lead Spacing 0.874" (22.20mm) Size / Dimension 1.969" Dia (50.00mm) Height - Seated (Max) 4.362" (110.80mm) Surface Mount Land Size -	Ripple Current - High Frequency	-
Size / Dimension 1.969" Dia (50.00mm) Height - Seated (Max) 4.362" (110.80mm) Surface Mount Land Size -	Impedance	48 mOhms
Height - Seated (Max) Surface Mount Land Size 4.362" (110.80mm) -	Lead Spacing	0.874" (22.20mm)
Surface Mount Land Size -	Size / Dimension	1.969" Dia (50.00mm)
	Height - Seated (Max)	4.362" (110.80mm)
Mounting Type Chassis Mount	Surface Mount Land Size	-
	Mounting Type	Chassis Mount
Package / Case Radial, Can - Screw Terminals	Package / Case	Radial, Can - Screw Terminals
Report errors?		Report errors?

MAL250017182E3 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.

MAL250017182E3 Payment Methods



















MAL250017182E3 Shipping Methods













If you have any question about MAL250017182E3, please do not hesitate to contact us!

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