



MAL210277682E3 Information

Heisener.com

Part Number MAL210277682E3 Manufacturer Vishay BC Components

Category Capacitors

Aluminum Electrolytic Capacitors

Description CAP ALUM 6800UF 20% 450V SCREW

Package Radial, Can - Screw Terminals

For the pricing/inventory/lead time, please contact

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

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.









MAL210277682E3 Specifications

Manufacturer Part NumberMAL210277682E3ManufacturerVishay BC ComponentsCategoryCapacitorsPackageRadial, Can - Screw TerminalsSeries102 PHR-STCapacitance6800μFTolerance±20%Voltage - Rated450VESR (Equivalent Series Resistance)25 mOhm @ 100HzLifetime @ Temp.10000 Hrs @ 85°COperating Temperature-40°C ~ 85°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency19.8A @ 100Hz	^	
Category Capacitors Aluminum Electrolytic Capacitors Package Radial, Can - Screw Terminals Series 102 PHR-ST Capacitance 6800µF Tolerance ±20% Voltage - Rated 450V ESR (Equivalent Series Resistance) 25 mOhm @ 100Hz Lifetime @ Temp. 10000 Hrs @ 85°C Operating Temperature -40°C ~ 85°C Polarization Polar Applications General Purpose	Manufacturer Part Number	MAL210277682E3
Aluminum Electrolytic Capacitors Package Radial, Can - Screw Terminals Series 102 PHR-ST Capacitance 6800µF Tolerance ±20% Voltage - Rated 450V ESR (Equivalent Series Resistance) 25 mOhm @ 100Hz Lifetime @ Temp. 10000 Hrs @ 85°C Operating Temperature -40°C ~ 85°C Polarization Polar Applications General Purpose	Manufacturer	Vishay BC Components
PackageRadial, Can - Screw TerminalsSeries 102 PHR-ST Capacitance $6800\mu\text{F}$ Tolerance $\pm 20\%$ Voltage - Rated 450V ESR (Equivalent Series Resistance) $25 \text{ mOhm } @ 100\text{Hz}$ Lifetime @ Temp. $10000 \text{ Hrs } @ 85^{\circ}\text{C}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ PolarizationPolarApplicationsGeneral Purpose	Category	Capacitors
Series 102 PHR-ST Capacitance $6800\mu\text{F}$ Tolerance $\pm 20\%$ Voltage - Rated 450V ESR (Equivalent Series Resistance) 25 mOhm @ 100Hz Lifetime @ Temp. 10000 Hrs @ 85°C Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Polarization $Polar$ Applications $General \text{ Purpose}$		Aluminum Electrolytic Capacitors
Capacitance $6800μF$ Tolerance $\pm 20\%$ Voltage - Rated $450V$ ESR (Equivalent Series Resistance) $25 \text{ mOhm } @ 100\text{Hz}$ Lifetime @ Temp. $10000 \text{ Hrs } @ 85°C$ Operating Temperature $-40°C \sim 85°C$ PolarizationPolarApplicationsGeneral Purpose	Package	Radial, Can - Screw Terminals
Tolerance $\pm 20\%$ Voltage - Rated $\pm 50\%$ ESR (Equivalent Series Resistance) $\pm 5\%$ Lifetime @ Temp. $\pm 5\%$ Operating Temperature $\pm 5\%$ Polarization $\pm 5\%$ Applications $\pm 20\%$	Series	102 PHR-ST
Voltage - Rated ESR (Equivalent Series Resistance) Lifetime @ Temp. Operating Temperature Polarization Applications 450V 25 mOhm @ 100Hz 10000 Hrs @ 85°C -40°C ~ 85°C Polarization Polar General Purpose	Capacitance	6800μF
ESR (Equivalent Series Resistance) 25 mOhm @ 100 Hz Lifetime @ Temp. 10000 Hrs @ 85 °C Operating Temperature -40 °C ~ 85 °C Polarization Polar Applications General Purpose	Tolerance	±20%
Lifetime @ Temp. $10000 \text{ Hrs } @ 85^{\circ}\text{C}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ PolarizationPolarApplicationsGeneral Purpose	Voltage - Rated	450V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ PolarizationPolarApplicationsGeneral Purpose	ESR (Equivalent Series Resistance)	25 mOhm @ 100Hz
Polarization Polar Applications General Purpose	Lifetime @ Temp.	10000 Hrs @ 85°C
Applications General Purpose	Operating Temperature	-40°C ~ 85°C
	Polarization	Polar
Ripple Current - Low Frequency 19.8A @ 100Hz	Applications	General Purpose
	Ripple Current - Low Frequency	19.8A @ 100Hz
Ripple Current - High Frequency -	Ripple Current - High Frequency	-
Impedance 20 mOhms	Impedance	20 mOhms
Lead Spacing 1.252" (31.80mm)	Lead Spacing	1.252" (31.80mm)
Size / Dimension 2.992" Dia (76.00mm)	Size / Dimension	2.992" Dia (76.00mm)
Height - Seated (Max) 8.886" (225.70mm)	Height - Seated (Max)	8.886" (225.70mm)
Surface Mount Land Size -	Surface Mount Land Size	-
Mounting Type Chassis Mount	Mounting Type	Chassis Mount
Package / Case Radial, Can - Screw Terminals	Package / Case	Radial, Can - Screw Terminals
Report errors		Report errors?

MAL210277682E3 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.

MAL210277682E3 Payment Methods





















MAL210277682E3 Shipping Methods













If you have any question about MAL210277682E3, please do not hesitate to contact us!

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