

MAL218197702E3

MAL218197702E3 Information



t Number	MAL218197702E3	
nufacturer	Vishay BC Components	
egory	Capacitors Aluminum - Polymer Capacitors	
cription	CAP ALUM POLY 270UF 20% 4V SMD	
kage	Radial, Can - SMD	
	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

For Reference Only

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.



MAL218197702E3 Specifications

CategoryCapacitorsPackageRadial, Can - SMDPackageRadial, Can - SMDSeries181 CPLTypePolymerCapacitance270μFTolerance±20%Voltage - Rated4VESR (Equivalent Series Resistance)-Lifetime @ Temp.5000 Hrs @ 105°COperating Temperature-55°C ~ 105°CApplicationsGeneral PurposeRipple Current - Low Frequency3.22A @ 100kHzImpedance22 mOhmsLead Spacing-Size / Dimension0.315" Dia (8.00mm)		
CategoryCapacitorsAluminum - Polymer CapacitorsPackageRadial, Can - SMDSeries181 CPLTypePolymerCapacitance270µFTolerance±20%Voltage - Rated4VESR (Equivalent Series Resistance)-Lifetime @ Temp.5000 Hrs @ 105°COperating Temperature-55°C ~ 105°CApplicationsGeneral PurposeRipple Current - Low Frequency-Impedance22 mOhmsLead Spacing-Siz / Dimension0.315" Dia (8.00mm)Height - Seated (Max)0.264" (6.70mm)	Manufacturer Part Number	MAL218197702E3
Aluminum - Polymer CapacitorsPackageRadial, Can - SMDSeries181 CPLTypePolymerCapacitance270μFTolerance±20%Voltage - Rated4VESR (Equivalent Series Resistance)-Lifetime @ Temp.5000 Hrs @ 105°COperating Temperature-55°C ~ 105°CApplicationsGeneral PurposeRipple Current - Low Frequency3.22A @ 100kHzImpedance22 mOhmsLead Spacing-Size / Dimension0.315" Dia (8.00mm)Height - Seated (Max)0.264" (6.70mm)	Manufacturer	Vishay BC Components
PackageRadial, Can - SMDSeries181 CPLTypePolymerCapacitance270µFTolerance±20%Voltage - Rated4VESR (Equivalent Series Resistance)-Lifetime @ Temp.5000 Hrs @ 105°COperating Temperature-55°C ~ 105°CApplicationsGeneral PurposeRipple Current - High Frequency3.22A @ 100kHzImpedance22 mOhmsLead Spacing-Size / Dimension0.315" Dia (8.00mm)Height - Seated (Max)0.264" (6.70mm)	Category	Capacitors
Series 181 CPL Type Polymer Capacitance 270μF Tolerance ±20% Voltage - Rated 4V ESR (Equivalent Series Resistance) - Lifetime @ Temp. 5000 Hrs @ 105°C Operating Temperature -55°C ~ 105°C Applications General Purpose Ripple Current - Low Frequency 3.22A @ 100kHz Impedance 22 mOhms Lead Spacing - Size / Dimension 0.315" Dia (8.00mm) Height - Seated (Max) 0.264" (6.70mm)		Aluminum - Polymer Capacitors
TypePolymerCapacitance270μFTolerance±20%Voltage - Rated4VESR (Equivalent Series Resistance)-Lifetime @ Temp.5000 Hrs @ 105°COperating Temperature-55°C ~ 105°CApplicationsGeneral PurposeRipple Current - High Frequency3.22A @ 100kHzImpedance22 mOhmsLad Spacing-Size / Dimension0.315" Dia (8.00mm)Height - Seated (Max)0.264" (6.70mm)	Package	Radial, Can - SMD
Capacitance270μFCapacitance±20%Tolerance±20%Voltage - Rated4VESR (Equivalent Series Resistance)-Lifetime @ Temp.5000 Hrs @ 105°COperating Temperature-55°C ~ 105°CApplicationsGeneral PurposeRipple Current - Low Frequency-Impedance22 mOhmsLead Spacing-Size / Dimension0.315" Dia (8.00mm)Height - Seated (Max)0.264" (6.70mm)	Series	181 CPL
Tolerance±20%Yoltage - Rated4VESR (Equivalent Series Resistance)-Lifetime @ Temp.5000 Hrs @ 105°COperating Temperature-55°C ~ 105°CApplicationsGeneral PurposeRipple Current - Low Frequency-Ripple Current - High Frequency3.22A @ 100kHzImpedance22 mOhmsLead Spacing-Size / Dimension0.315" Dia (8.00mm)Height - Seated (Max)0.264" (6.70mm)	Туре	Polymer
Voltage - Rated4VESR (Equivalent Series Resistance)-Lifetime @ Temp.5000 Hrs @ 105°COperating Temperature-55°C ~ 105°CApplicationsGeneral PurposeRipple Current - High Frequency-Mipedance22 mOhmsLead Spacing-Size / Dimension0.315" Dia (8.00mm)Height - Seated (Max)0.264" (6.70mm)	Capacitance	270µF
ESR (Equivalent Series Resistance)-Lifetime @ Temp.5000 Hrs @ 105°COperating Temperature-55°C ~ 105°CApplicationsGeneral PurposeRipple Current - Low Frequency-Size / Dimension22 mOhmsLead Spacing-Size / Dimension0.315" Dia (8.00mm)Height - Seated (Max)0.264" (6.70mm)	Tolerance	±20%
Lifetime @ Temp.5000 Hrs @ 105°COperating Temperature-55°C ~ 105°CApplicationsGeneral PurposeRipple Current - Low Frequency-Ripple Current - High Frequency3.22A @ 100kHzImpedance22 mOhmsLead Spacing-Size / Dimension0.315" Dia (8.00mm)Height - Seated (Max)0.264" (6.70mm)	Voltage - Rated	4V
Applications-55°C ~ 105°CApplicationsGeneral PurposeRipple Current - Low Frequency-Ripple Current - High Frequency3.22A @ 100kHzImpedance22 mOhmsLead Spacing-Size / Dimension0.315" Dia (8.00mm)Height - Seated (Max)0.264" (6.70mm)	ESR (Equivalent Series Resistance)	-
ApplicationsGeneral PurposeRipple Current - Low Frequency-Ripple Current - High Frequency3.22A @ 100kHzImpedance22 mOhmsLead Spacing-Size / Dimension0.315" Dia (8.00mm)Height - Seated (Max)0.264" (6.70mm)	Lifetime @ Temp.	5000 Hrs @ 105°C
Ripple Current - Low Frequency-Ripple Current - High Frequency3.22A @ 100kHzImpedance22 mOhmsLead Spacing-Size / Dimension0.315" Dia (8.00mm)Height - Seated (Max)0.264" (6.70mm)	Operating Temperature	-55°C ~ 105°C
Ripple Current - High Frequency3.22A @ 100kHzImpedance22 mOhmsLead Spacing-Size / Dimension0.315" Dia (8.00mm)Height - Seated (Max)0.264" (6.70mm)	Applications	General Purpose
Impedance22 mOhmsLead Spacing-Size / Dimension0.315" Dia (8.00mm)Height - Seated (Max)0.264" (6.70mm)	Ripple Current - Low Frequency	-
Lead Spacing-Size / Dimension0.315" Dia (8.00mm)Height - Seated (Max)0.264" (6.70mm)	Ripple Current - High Frequency	3.22A @ 100kHz
Size / Dimension 0.315" Dia (8.00mm) Height - Seated (Max) 0.264" (6.70mm)	Impedance	22 mOhms
Height - Seated (Max) 0.264" (6.70mm)	Lead Spacing	-
	Size / Dimension	0.315" Dia (8.00mm)
Surface Mount Land Size 0.331" L x 0.331" W (8.40mm x 8.40mm)	Height - Seated (Max)	0.264" (6.70mm)
	Surface Mount Land Size	0.331" L x 0.331" W (8.40mm x 8.40mm)
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case Radial, Can - SMD	Package / Case	Radial, Can - SMD
Report errors?		Report errors?

MAL218197702E3 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.

MAL218197702E3 Payment Methods



MAL218197702E3 Shipping Methods



If you have any question about MAL218197702E3, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com