



# MAL214238102E3 Information

Heisener.com

Part Number MAL214238102E3
Manufacturer Vishay BC Components

**Category** Capacitors

**Aluminum Electrolytic Capacitors** 

**Description** CAP ALUM 1000UF 20% 63V RADIAL

Package Radial, Car

For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.heisener.com
F-mail: salesdent@heisener.com

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.









# **MAL214238102E3 Specifications**

Manufacturer Part Number         MAL214238102E3           Manufacturer         Vishay BC Components           Category         Capacitors           Package         Radial, Can           Series         142 RHS           Capacitance         1000μF           Tolerance         ±20%           Voltage - Rated         63V           ESR (Equivalent Series Resistance)         -           Lifetime @ Temp,         2500 Hrs @ 105°C           Operating Temperature         -40°C ~ 105°C           Polarization         -           Applications         General Purpose           Ripple Current - Low Frequency         -           Ripple Current - High Frequency         1.256A @ 10kHz           Impedance         -           Lead Spacing         0.295" (7.50mm)           Size / Dimension         0.630" Dia (16.00mm)           Height - Seated (Max)         1.063" (27.00mm)           Surface Mount Land Size         -           Mounting Type         Through Hole           Package / Case         Radial, Can		
Category         Capacitors           Package         Radial, Can           Series         142 RHS           Capacitance         1000µF           Tolerance         ±20%           Voltage - Rated         63V           ESR (Equivalent Series Resistance)         -           Lifetime @ Temp.         2500 Hrs @ 105°C           Operating Temperature         -40°C ~ 105°C           Polarization         -           Applications         General Purpose           Ripple Current - Low Frequency         -           Ripple Current - High Frequency         1.256A @ 10kHz           Impedance         -           Lead Spacing         0.295" (7.50mm)           Size / Dimension         0.630" Dia (16.00mm)           Height - Seated (Max)         1.063" (27.00mm)           Surface Mount Land Size         -           Mounting Type         Through Hole           Package / Case         Radial, Can	Manufacturer Part Number	MAL214238102E3
PackageRadial, CanSeries142 RHSCapacitance1000μFTolerance±20%Voltage - Rated63VESR (Equivalent Series Resistance)-Lifetime @ Temp.2500 Hrs @ 105°COperating Temperature-40°C ~ 105°CPolarization-ApplicationsGeneral PurposeRipple Current - Low Frequency1.256A @ 10kHzImpedance-Lead Spacing0.295" (7.50mm)Size / Dimension0.630" Dia (16.00mm)Height - Seated (Max)1.063" (27.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Manufacturer	Vishay BC Components
Package         Radial, Can           Series         142 RHS           Capacitance         1000µF           Tolerance         ±20%           Voltage - Rated         63V           ESR (Equivalent Series Resistance)         -           Lifetime @ Temp.         2500 Hrs @ 105°C           Operating Temperature         -40°C ~ 105°C           Polarization         -           Applications         General Purpose           Ripple Current - Low Frequency         1.256A @ 10kHz           Impedance         -           Lead Spacing         0.295" (7.50mm)           Size / Dimension         0.630" Dia (16.00mm)           Height - Seated (Max)         1.063" (27.00mm)           Surface Mount Land Size         -           Mounting Type         Through Hole           Package / Case         Radial, Can	Category	Capacitors
Series         142 RHS           Capacitance         1000μF           Tolerance         ±20%           Voltage - Rated         63V           ESR (Equivalent Series Resistance)         -           Lifetime @ Temp.         2500 Hrs @ 105°C           Operating Temperature         -40°C ~ 105°C           Polarization         -           Applications         General Purpose           Ripple Current - Low Frequency         -           Ripple Current - High Frequency         1.256A @ 10kHz           Impedance         -           Lead Spacing         0.295" (7.50mm)           Size / Dimension         0.630" Dia (16.00mm)           Height - Seated (Max)         1.063" (27.00mm)           Surface Mount Land Size         -           Mounting Type         Through Hole           Package / Case         Radial, Can		Aluminum Electrolytic Capacitors
Capacitance         1000μF           Tolerance         ±20%           Voltage - Rated         63V           ESR (Equivalent Series Resistance)         -           Lifetime @ Temp.         2500 Hrs @ 105°C           Operating Temperature         -40°C ~ 105°C           Polarization         -           Applications         General Purpose           Ripple Current - Low Frequency         -           Ripple Current - High Frequency         1.256A @ 10kHz           Impedance         -           Lead Spacing         0.295" (7.50mm)           Size / Dimension         0.630" Dia (16.00mm)           Height - Seated (Max)         1.063" (27.00mm)           Surface Mount Land Size         -           Mounting Type         Through Hole           Package / Case         Radial, Can	Package	Radial, Can
Tolerance ±20%  Voltage - Rated 63V  ESR (Equivalent Series Resistance) - Lifetime @ Temp. 2500 Hrs @ 105°C  Operating Temperature -40°C ~ 105°C  Polarization - Applications General Purpose Ripple Current - Low Frequency - Ripple Current - High Frequency 1.256A @ 10kHz  Impedance - Lead Spacing 0.295" (7.50mm)  Size / Dimension 0.630" Dia (16.00mm)  Height - Seated (Max) 1.063" (27.00mm)  Surface Mount Land Size -  Mounting Type Through Hole  Package / Case Radial, Can	Series	142 RHS
Voltage - Rated63VESR (Equivalent Series Resistance)-Lifetime @ Temp.2500 Hrs @ 105°COperating Temperature-40°C ~ 105°CPolarization-ApplicationsGeneral PurposeRipple Current - Low Frequency-Ripple Current - High Frequency1.256A @ 10kHzImpedance-Lead Spacing0.295" (7.50mm)Size / Dimension0.630" Dia (16.00mm)Height - Seated (Max)1.063" (27.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Capacitance	1000μF
ESR (Equivalent Series Resistance)  Lifetime @ Temp.  2500 Hrs @ 105°C  Operating Temperature  -40°C ~ 105°C  Polarization  Applications  General Purpose  Ripple Current - Low Frequency  -Ripple Current - High Frequency  1.256A @ 10kHz  Impedance  Lead Spacing  0.295" (7.50mm)  Size / Dimension  Height - Seated (Max)  1.063" (27.00mm)  Surface Mount Land Size  Mounting Type  Through Hole  Package / Case  Radial, Can	Tolerance	±20%
Lifetime @ Temp.  Operating Temperature  -40°C ~ 105°C  Polarization  - Applications  General Purpose  Ripple Current - Low Frequency  Ripple Current - High Frequency  1.256A @ 10kHz  Impedance  Lead Spacing  O.295" (7.50mm)  Size / Dimension  Height - Seated (Max)  Surface Mount Land Size  Mounting Type  Package / Case  2500 Hrs @ 105°C  -40°C ~ 10	Voltage - Rated	63V
Operating Temperature -40°C ~ 105°C  Polarization - Applications General Purpose  Ripple Current - Low Frequency Ripple Current - High Frequency 1.256A @ 10kHz  Impedance Lead Spacing 0.295" (7.50mm)  Size / Dimension 0.630" Dia (16.00mm)  Height - Seated (Max) 1.063" (27.00mm)  Surface Mount Land Size - Mounting Type Through Hole Package / Case Radial, Can	ESR (Equivalent Series Resistance)	-
Polarization - General Purpose  Ripple Current - Low Frequency - 1.256A @ 10kHz  Impedance - Lead Spacing 0.295" (7.50mm)  Size / Dimension 0.630" Dia (16.00mm)  Height - Seated (Max) 1.063" (27.00mm)  Surface Mount Land Size - Through Hole  Package / Case Radial, Can	Lifetime @ Temp.	2500 Hrs @ 105°C
Applications  Ripple Current - Low Frequency - Ripple Current - High Frequency 1.256A @ 10kHz Impedance - Lead Spacing 0.295" (7.50mm) Size / Dimension 0.630" Dia (16.00mm) Height - Seated (Max) 1.063" (27.00mm) Surface Mount Land Size - Mounting Type Through Hole Package / Case Radial, Can	Operating Temperature	-40°C ~ 105°C
Ripple Current - Low Frequency - 1.256A @ 10kHz Impedance - Lead Spacing 0.295" (7.50mm) Size / Dimension 0.630" Dia (16.00mm) Height - Seated (Max) 1.063" (27.00mm) Surface Mount Land Size - Through Hole Package / Case Radial, Can	Polarization	-
Ripple Current - High Frequency Impedance - Lead Spacing 0.295" (7.50mm) Size / Dimension 0.630" Dia (16.00mm) Height - Seated (Max) 1.063" (27.00mm) Surface Mount Land Size - Mounting Type Through Hole Package / Case Radial, Can	Applications	General Purpose
Impedance-Lead Spacing0.295" (7.50mm)Size / Dimension0.630" Dia (16.00mm)Height - Seated (Max)1.063" (27.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Ripple Current - Low Frequency	-
Lead Spacing0.295" (7.50mm)Size / Dimension0.630" Dia (16.00mm)Height - Seated (Max)1.063" (27.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Ripple Current - High Frequency	1.256A @ 10kHz
Size / Dimension 0.630" Dia (16.00mm)  Height - Seated (Max) 1.063" (27.00mm)  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)	1.063" (27.00mm)
Package / Case Radial, Can	Surface Mount Land Size	-
	Mounting Type	Through Hole
Report errors?	Package / Case	Radial, Can
		Report errors?

#### MAL214238102E3 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.

### **MAL214238102E3 Payment Methods**



















# **MAL214238102E3 Shipping Methods**













If you have any question about MAL214238102E3, please do not hesitate to contact us!

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