



106SMH016M Information



For Reference Only

Part Number 106SMH016M
Manufacturer Illinois Capacitor
Category Capacitors

Aluminum Electrolytic Capacitors

Description CAP ALUM 10UF 20% 16V SMD

Package 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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106SMH016M Specifications

Manufacturer Part Number 106SMH016M Manufacturer Illinois Capacitor Category Capacitors Aluminum Electrolytic Capacitors Package Radial, Can - SMD Series SMH Capacitance 10µF Tolerance ±20% Voltage - Rated 16V ESR (Equivalent Series Resistance) 33.157 Ohm @ 120Hz Lifetime @ Temp. 1000 Hrs @ 105°C Operating Temperature -55°C ~ 105°C Polarization General Purpose Ripple Current - Low Frequency 28mA @ 120Hz Ripple Current - High Frequency 42mA @ 100kHz Impedance - Lead Spacing - Size / Dimension 0.157" Dia (4.00mm) Height - Seated (Max) 0.217" (5.50mm) Surface Mount Land Size 0.169" Lx 0.169" W (4.30mm x 4.30mm) Mounting Type Surface Mount Package / Case Radial, Can - SMD	*	
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Capacitance 10μF Tolerance ±20% Voltage - Rated 16V ESR (Equivalent Series Resistance) 33.157 Ohm @ 120Hz Lifetime @ Temp. 1000 Hrs @ 105°C Operating Temperature -55°C ~ 105°C Polarization Polar Applications General Purpose Ripple Current - Low Frequency 28mA @ 120Hz Ripple Current - High Frequency 42mA @ 100kHz Impedance - Lead Spacing - Size / Dimension 0.157" Dia (4.00mm) Height - Seated (Max) 0.217" (5.50mm) Surface Mount Land Size 0.169" L x 0.169" W (4.30mm x 4.30mm) Mounting Type Surface Mount Package / Case Radial, Can - SMD	Package	Radial, Can - SMD
Tolerance ±20% Voltage - Rated 16V ESR (Equivalent Series Resistance) 33.157 Ohm @ 120Hz Lifetime @ Temp. 1000 Hrs @ 105°C Operating Temperature -55°C ~ 105°C Polarization Polar Applications General Purpose Ripple Current - Low Frequency 28mA @ 120Hz Ripple Current - High Frequency 42mA @ 100kHz Impedance - Lead Spacing - Size / Dimension 0.157" Dia (4.00mm) Height - Seated (Max) 0.217" (5.50mm) Surface Mount Land Size 0.169" L x 0.169" W (4.30mm x 4.30mm) Mounting Type Surface Mount Package / Case Radial, Can - SMD	Series	SMH
Voltage - Rated16VESR (Equivalent Series Resistance)33.157 Ohm @ 120HzLifetime @ Temp.1000 Hrs @ 105°COperating Temperature-55°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency28mA @ 120HzRipple Current - High Frequency42mA @ 100kHzImpedance-Lead Spacing-Size / Dimension0.157" Dia (4.00mm)Height - Seated (Max)0.217" (5.50mm)Surface Mount Land Size0.169" L x 0.169" W (4.30mm x 4.30mm)Mounting TypeSurface MountPackage / CaseRadial, Can - SMD	Capacitance	10μF
ESR (Equivalent Series Resistance) Lifetime @ Temp. 1000 Hrs @ 105°C Operating Temperature -55°C ~ 105°C Polarization Applications General Purpose Ripple Current - Low Frequency 28mA @ 120Hz Ripple Current - High Frequency 42mA @ 100kHz Impedance - Lead Spacing - Size / Dimension 0.157" Dia (4.00mm) Height - Seated (Max) Surface Mount Land Size 0.169" L x 0.169" W (4.30mm x 4.30mm) Mounting Type Surface Mount Package / Case Radial, Can - SMD	Tolerance	±20%
Lifetime @ Temp. Operating Temperature -55°C ~ 105°C Polarization Applications General Purpose Ripple Current - Low Frequency Ripple Current - High Frequency 42mA @ 120Hz Impedance Lead Spacing - Size / Dimension Height - Seated (Max) Surface Mount Land Size Mounting Type Package / Case 1000 Hrs @ 105°C -55°C ~ 105°C Roneral Purpose 28mA @ 120Hz 42mA @ 120Hz - 1000 Hrs @ 105°C 105°	Voltage - Rated	16V
Operating Temperature -55°C ~ 105°C Polarization Applications General Purpose Ripple Current - Low Frequency Ripple Current - High Frequency 42mA @ 120Hz Impedance Lead Spacing - Size / Dimension Height - Seated (Max) Surface Mount Land Size O.169" L x 0.169" W (4.30mm x 4.30mm) Mounting Type Package / Case Radial, Can - SMD	ESR (Equivalent Series Resistance)	33.157 Ohm @ 120Hz
Polarization Applications General Purpose Ripple Current - Low Frequency Ripple Current - High Frequency Applications Ripple Current - High Frequency Applications Ripple Current - High Frequency Applications Applications Ripple Current - Low Frequency Applications	Lifetime @ Temp.	1000 Hrs @ 105°C
Applications General Purpose Ripple Current - Low Frequency Ripple Current - High Frequency 42mA @ 100kHz Impedance Lead Spacing - Size / Dimension Height - Seated (Max) Surface Mount Land Size 0.169" L x 0.169" W (4.30mm x 4.30mm) Mounting Type Surface Mount Package / Case Radial, Can - SMD	Operating Temperature	-55°C ~ 105°C
Ripple Current - Low Frequency Ripple Current - High Frequency 42mA @ 100kHz Impedance - Lead Spacing - Size / Dimension Height - Seated (Max) Surface Mount Land Size 0.169" L x 0.169" W (4.30mm x 4.30mm) Mounting Type Surface Mount Package / Case Radial, Can - SMD	Polarization	Polar
Ripple Current - High Frequency Impedance Lead Spacing Size / Dimension Height - Seated (Max) Surface Mount Land Size O.169" L x 0.169" W (4.30mm x 4.30mm) Mounting Type Surface Mount Package / Case Radial, Can - SMD	Applications	General Purpose
Impedance - Lead Spacing - Size / Dimension 0.157" Dia (4.00mm) Height - Seated (Max) 0.217" (5.50mm) Surface Mount Land Size 0.169" L x 0.169" W (4.30mm x 4.30mm) Mounting Type Surface Mount Package / Case Radial, Can - SMD	Ripple Current - Low Frequency	28mA @ 120Hz
Lead Spacing	Ripple Current - High Frequency	42mA @ 100kHz
Size / Dimension0.157" Dia (4.00mm)Height - Seated (Max)0.217" (5.50mm)Surface Mount Land Size0.169" L x 0.169" W (4.30mm x 4.30mm)Mounting TypeSurface MountPackage / CaseRadial, Can - SMD	Impedance	-
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	Mounting Type	Surface Mount
Report errors?	Package / Case	Radial, Can - SMD
		Report errors?

106SMH016M 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.

106SMH016M Payment Methods





















106SMH016M Shipping Methods













If you have any question about 106SMH016M, please do not hesitate to contact us!

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