



### SH3R3M050ST Information

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For Reference Only

Part Number SH3R3M050ST

Manufacturer Cornell Dubilier Electronics (CDE)

**Category** Capacitors

**Aluminum Electrolytic Capacitors** 

**Description** CAP ALUM 3.3UF 20% 50V RADIAL

Package Radial, Can

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**

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.









# **SH3R3M050ST Specifications**

Manufacturer Part Number         SH3R3M050ST           Manufacturer         Cornell Dubilier Electronics (CDE)           Category         Capacitors           Aluminum Electrolytic Capacitors           Package         Radial, Can           Series         SH           Capacitance         3.3µF           Tolerance         ±20%           Voltage - Rated         50V           ESR (Equivalent Series Resistance)         48.25 Ohm @ 120Hz           Lifetime @ Temp.         2000 Hrs @ 105°C           Operating Temperature         -40°C ~ 105°C           Polarization         Polar           Applications         General Purpose           Ripple Current - Low Frequency         25mA @ 120Hz           Ripple Current - High Frequency         35mA @ 10kHz           Impedance         -           Lead Spacing         0.079" (2.00mm)           Size / Dimension         0.197" Dia (5.00mm)           Height - Seated (Max)         0.433" (11.00mm)           Surface Mount Land Size         -           Mounting Type         Through Hole           Package / Case         Radial, Can	*	
Category Capacitors Aluminum Electrolytic Capacitors  Package Radial, Can Series SH Capacitance 3.3µF Tolerance ±20% Voltage - Rated 50V ESR (Equivalent Series Resistance) 48.25 Ohm @ 120Hz Lifetime @ Temp. 2000 Hrs @ 105°C Operating Temperature -40°C ~ 105°C Polarization Applications Ripple Current - Low Frequency Ripple Current - High Frequency Ripple Current - High Frequency 15mA @ 10kHz Impedance Lead Spacing 0.079" (2.00mm) Size / Dimension 0.197" Dia (5.00mm) Height - Seated (Max) 0.433" (11.00mm) Surface Mount Land Size Mounting Type Through Hole Package / Case	Manufacturer Part Number	SH3R3M050ST
Package         Radial, Can           Series         SH           Capacitance         3.3 μF           Tolerance         ±20%           Voltage - Rated         50V           ESR (Equivalent Series Resistance)         48.25 Ohm @ 120Hz           Lifetime @ Temp.         2000 Hrs @ 105°C           Operating Temperature         -40°C ~ 105°C           Polarization         Polar           Applications         General Purpose           Ripple Current - Low Frequency         25mA @ 120Hz           Ripple Current - High Frequency         35mA @ 10kHz           Impedance         -           Lead Spacing         0.079" (2.00mm)           Size / Dimension         0.197" Dia (5.00mm)           Height - Seated (Max)         0.433" (11.00mm)           Surface Mount Land Size         -           Mounting Type         Through Hole           Package / Case         Radial, Can	Manufacturer	Cornell Dubilier Electronics (CDE)
PackageRadial, CanSeriesSHCapacitance3.3µFTolerance±20%Voltage - Rated50VESR (Equivalent Series Resistance)48.25 Ohm @ 120HzLifetime @ Temp.2000 Hrs @ 105°COperating Temperature-40°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency25mA @ 120HzRipple Current - High Frequency35mA @ 10kHzImpedance-Lead Spacing0.079" (2.00mm)Size / Dimension0.197" Dia (5.00mm)Height - Seated (Max)0.433" (11.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Category	Capacitors
Series         SH           Capacitance         3.3μF           Tolerance         ±20%           Voltage - Rated         50V           ESR (Equivalent Series Resistance)         48.25 Ohm @ 120Hz           Lifetime @ Temp.         2000 Hrs @ 105°C           Operating Temperature         -40°C ~ 105°C           Polarization         Polar           Applications         General Purpose           Ripple Current - Low Frequency         25mA @ 120Hz           Ripple Current - High Frequency         35mA @ 10kHz           Impedance         -           Lead Spacing         0.079" (2.00mm)           Size / Dimension         0.197" Dia (5.00mm)           Height - Seated (Max)         0.433" (11.00mm)           Surface Mount Land Size         -           Mounting Type         Through Hole           Package / Case         Radial, Can		Aluminum Electrolytic Capacitors
Capacitance       3.3µF         Tolerance       ±20%         Voltage - Rated       50V         ESR (Equivalent Series Resistance)       48.25 Ohm @ 120Hz         Lifetime @ Temp.       2000 Hrs @ 105°C         Operating Temperature       -40°C ~ 105°C         Polarization       Polar         Applications       General Purpose         Ripple Current - Low Frequency       25mA @ 120Hz         Ripple Current - High Frequency       35mA @ 10kHz         Impedance       -         Lead Spacing       0.079" (2.00mm)         Size / Dimension       0.197" Dia (5.00mm)         Height - Seated (Max)       0.433" (11.00mm)         Surface Mount Land Size       -         Mounting Type       Through Hole         Package / Case       Radial, Can	Package	Radial, Can
Tolerance ±20%  Voltage - Rated 50V  ESR (Equivalent Series Resistance) 48.25 Ohm @ 120Hz  Lifetime @ Temp. 2000 Hrs @ 105°C  Operating Temperature -40°C ~ 105°C  Polarization Polar  Applications General Purpose  Ripple Current - Low Frequency 25mA @ 120Hz  Ripple Current - High Frequency 35mA @ 10kHz  Impedance -  Lead Spacing 0.079" (2.00mm)  Size / Dimension 0.197" Dia (5.00mm)  Height - Seated (Max) 0.433" (11.00mm)  Surface Mount Land Size -  Mounting Type Through Hole  Package / Case Radial, Can	Series	SH
Voltage - Rated50VESR (Equivalent Series Resistance)48.25 Ohm @ 120HzLifetime @ Temp.2000 Hrs @ 105°COperating Temperature-40°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency25mA @ 120HzRipple Current - High Frequency35mA @ 10kHzImpedance-Lead Spacing0.079" (2.00mm)Size / Dimension0.197" Dia (5.00mm)Height - Seated (Max)0.433" (11.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Capacitance	3.3µF
ESR (Equivalent Series Resistance)  Lifetime @ Temp.  2000 Hrs @ 105°C  Operating Temperature  -40°C ~ 105°C  Polar  Applications  Ripple Current - Low Frequency  Ripple Current - High Frequency  25mA @ 120Hz  Ripple Current - High Frequency  35mA @ 10kHz  Impedance  -  Lead Spacing  0.079" (2.00mm)  Size / Dimension  0.197" Dia (5.00mm)  Height - Seated (Max)  Surface Mount Land Size  Mounting Type  Through Hole  Package / Case  Radial, Can	Tolerance	±20%
Lifetime @ Temp.  Operating Temperature  -40°C ~ 105°C  Polarization  Polar  Applications  General Purpose  Ripple Current - Low Frequency  Ripple Current - High Frequency  35mA @ 120Hz  Impedance  -  Lead Spacing  0.079" (2.00mm)  Size / Dimension  Height - Seated (Max)  Surface Mount Land Size  Mounting Type  Package / Case  2000 Hrs @ 105°C  -40°C ~ 105°C  -40°C  -40°C ~ 105°C  -40°C  -40°C ~ 105°C  -40°C  -4	Voltage - Rated	50V
Operating Temperature -40°C ~ 105°C Polarization Polar Applications General Purpose Ripple Current - Low Frequency 25mA @ 120Hz Ripple Current - High Frequency 35mA @ 10kHz Impedance - Lead Spacing 0.079" (2.00mm) Size / Dimension 0.197" Dia (5.00mm) Height - Seated (Max) 0.433" (11.00mm) Surface Mount Land Size - Mounting Type Through Hole Package / Case Radial, Can	ESR (Equivalent Series Resistance)	48.25 Ohm @ 120Hz
Polarization Polar Applications General Purpose Ripple Current - Low Frequency 25mA @ 120Hz Ripple Current - High Frequency 35mA @ 10kHz Impedance - Lead Spacing 0.079" (2.00mm) Size / Dimension 0.197" Dia (5.00mm) Height - Seated (Max) 0.433" (11.00mm) Surface Mount Land Size - Mounting Type Through Hole Package / Case Radial, Can	Lifetime @ Temp.	2000 Hrs @ 105°C
Applications  Ripple Current - Low Frequency  Ripple Current - High Frequency  35mA @ 10kHz  Impedance  Lead Spacing  0.079" (2.00mm)  Size / Dimension  Height - Seated (Max)  Surface Mount Land Size  Mounting Type  Package / Case  General Purpose  25mA @ 120Hz  35mA @ 10kHz  - 0.079" (2.00mm)  0.437" (1.00mm)  Through Hole	Operating Temperature	-40°C ~ 105°C
Ripple Current - Low Frequency  Ripple Current - High Frequency  35mA @ 10kHz  Impedance  - Lead Spacing  0.079" (2.00mm)  Size / Dimension  0.197" Dia (5.00mm)  Height - Seated (Max)  0.433" (11.00mm)  Surface Mount Land Size  - Mounting Type  Through Hole  Package / Case  Radial, Can	Polarization	Polar
Ripple Current - High Frequency Impedance - Lead Spacing 0.079" (2.00mm) Size / Dimension 0.197" Dia (5.00mm) Height - Seated (Max) 0.433" (11.00mm) Surface Mount Land Size - Mounting Type Through Hole Package / Case Radial, Can	Applications	General Purpose
Impedance - Lead Spacing 0.079" (2.00mm) Size / Dimension 0.197" Dia (5.00mm) Height - Seated (Max) 0.433" (11.00mm) Surface Mount Land Size - Through Hole Package / Case Radial, Can	Ripple Current - Low Frequency	25mA @ 120Hz
Lead Spacing 0.079" (2.00mm)  Size / Dimension 0.197" Dia (5.00mm)  Height - Seated (Max) 0.433" (11.00mm)  Surface Mount Land Size -  Mounting Type Through Hole  Package / Case Radial, Can	Ripple Current - High Frequency	35mA @ 10kHz
Size / Dimension 0.197" Dia (5.00mm)  Height - Seated (Max) 0.433" (11.00mm)  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	0.079" (2.00mm)
Surface Mount Land Size -  Mounting Type Through Hole Package / Case Radial, Can	Size / Dimension	0.197" Dia (5.00mm)
Mounting Type Through Hole Package / Case Radial, Can	Height - Seated (Max)	0.433" (11.00mm)
Package / Case Radial, Can	Surface Mount Land Size	-
	Mounting Type	Through Hole
Report errors?	Package / Case	Radial, Can
The point of the p		Report errors?

#### SH3R3M050ST 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.

# SH3R3M050ST Payment Methods



















### **SH3R3M050ST Shipping Methods**













If you have any question about SH3R3M050ST, please do not hesitate to contact us!

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