



### **EEU-FC1J181B Information**



For Reference Only

Part Number EEU-FC1J181B

Manufacturer Panasonic Electronic Components

**Category** Capacitors

**Aluminum Electrolytic Capacitors** 

**Description** CAP ALUM 180UF 20% 63V RADIAL

Package Radial, Car

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.









## **EEU-FC1J181B Specifications**

Manufacturer Part Number         EEU-FC1181B           Manufacturer         Panasonic Electronic Components           Category         Capacitors           Package         Aluminum Electrolytic Capacitors           Package         Radial, Can           Series         Automotive, AEC-Q200, FC           Capacitance         180µF           Tolerance         ±20%           Voltage - Rated         63V           ESR (Equivalent Series Resistance)         -           ESR (Equivalent Series Resistance)         3000 Hrs @ 105°C           Operating Temperature         -55°C ~ 105°C           Polarization         Automotive           Ripple Current - Low Frequency         \$75.3mA @ 120Hz           Ripple Current - High Frequency         885mA @ 100kHz           Impedance         147 mOhms           Lead Spacing         0.197" (5.0mm)           Size / Dimension         0.394" Dia (10.00mm)           Height - Seated (Max)         0.866" (22.00mm)           Surface Mount Land Size         -           Mounting Type         Through Hole           Package / Case         Radial, Can		
Category         Capacitors           Aluminum Electrolytic Capacitors           Package         Radial, Can           Series         Automotive, AEC-Q200, FC           Capacitance         180μF           Tolerance         ±20%           Voltage - Rated         63 V           ESR (Equivalent Series Resistance)         -           Lifetime @ Temp.         3000 Hrs @ 105°C           Operating Temperature         -55°C ~ 105°C           Polarization         Polar           Applications         Automotive           Ripple Current - Low Frequency         575.3mA @ 120Hz           Ripple Current - High Frequency         885mA @ 100kHz           Impedance         147 mOhms           Lead Spacing         0.197" (5.00mm)           Size / Dimension         0.394" Dia (10.00mm)           Height - Seated (Max)         0.866" (22.00mm)           Surface Mount Land Size         -           Mounting Type         Through Hole           Package / Case         Radial, Can	Manufacturer Part Number	EEU-FC1J181B
Package         Radial, Can           Series         Automotive, AEC-Q200, FC           Capacitance         180μF           Tolerance         ±20%           Voltage - Rated         63V           ESR (Equivalent Series Resistance)         -           Lifetime @ Temp.         3000 Hrs @ 105°C           Operating Temperature         -55°C ~ 105°C           Polarization         Polar           Applications         Automotive           Ripple Current - Low Frequency         575.3mA @ 120Hz           Ripple Current - High Frequency         885mA @ 100kHz           Impedance         147 mOhms           Lead Spacing         0.197" (5.00mm)           Size / Dimension         0.394" Dia (10.00mm)           Height - Seated (Max)         0.866" (22.00mm)           Surface Mount Land Size         -           Mounting Type         Through Hole           Package / Case         Radial, Can	Manufacturer	Panasonic Electronic Components
PackageRadial, CanSeriesAutomotive, AEC-Q200, FCCapacitance180µFTolerance±20%Voltage - Rated63VESR (Equivalent Series Resistance)-Lifetime @ Temp.3000 Hrs @ 105°COperating Temperature-55°C ~ 105°CPolarizationPolarApplicationsAutomotiveRipple Current - Low Frequency575.3mA @ 120HzRipple Current - High Frequency885mA @ 100kHzImpedance147 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.394" Dia (10.00mm)Height - Seated (Max)0.866" (22.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Category	Capacitors
Series Automotive, AEC-Q200, FC Capacitance 180µF Tolerance ±20% Voltage - Rated 63V ESR (Equivalent Series Resistance) - Lifetime @ Temp. 3000 Hrs @ 105°C Operating Temperature -55°C ~ 105°C Polarization Polar Applications Automotive Ripple Current - Low Frequency 575.3mA @ 120Hz Ripple Current - High Frequency 885mA @ 100kHz Impedance 147 mOhms Lead Spacing 0.197" (5.00mm) Size / Dimension 0.394" Dia (10.00mm) Height - Seated (Max) 0.866" (22.00mm) Surface Mount Land Size - Mounting Type Through Hole Package / Case Radial, Can		Aluminum Electrolytic Capacitors
Capacitance180μFTolerance±20%Voltage - Rated63VESR (Equivalent Series Resistance)-Lifetime @ Temp.3000 Hrs @ 105°COperating Temperature-55°C ~ 105°CPolarizationPolarApplicationsAutomotiveRipple Current - Low Frequency575.3mA @ 120HzRipple Current - High Frequency885mA @ 100kHzImpedance147 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.394" Dia (10.00mm)Height - Seated (Max)0.866" (22.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Package	Radial, Can
Tolerance ±20%  Voltage - Rated 63V  ESR (Equivalent Series Resistance) - Lifetime @ Temp. 3000 Hrs @ 105°C  Operating Temperature -55°C ~ 105°C  Polarization Polar  Applications Automotive  Ripple Current - Low Frequency 575.3mA @ 120Hz  Ripple Current - High Frequency 885mA @ 100kHz  Impedance 147 mOhms  Lead Spacing 0.197" (5.00mm)  Size / Dimension 0.394" Dia (10.00mm)  Height - Seated (Max) 0.866" (22.00mm)  Surface Mount Land Size -  Mounting Type Through Hole  Package / Case Radial, Can	Series	Automotive, AEC-Q200, FC
Voltage - Rated63VESR (Equivalent Series Resistance)-Lifetime @ Temp.3000 Hrs @ 105°COperating Temperature-55°C ~ 105°CPolarizationPolarApplicationsAutomotiveRipple Current - Low Frequency575.3mA @ 120HzRipple Current - High Frequency885mA @ 100kHzImpedance147 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.394" Dia (10.00mm)Height - Seated (Max)0.866" (22.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Capacitance	180μF
ESR (Equivalent Series Resistance)  Lifetime @ Temp.  Operating Temperature  -55°C ~ 105°C  Polarization  Applications  Automotive  Ripple Current - Low Frequency  Ripple Current - High Frequency  Ripple Current - Low Frequency  Ripple C	Tolerance	±20%
Lifetime @ Temp.  Operating Temperature  -55°C ~ 105°C  Polarization  Applications  Automotive  Ripple Current - Low Frequency  Ripple Current - High Frequency  885mA @ 120Hz  Impedance  147 mOhms  Lead Spacing  0.197" (5.00mm)  Size / Dimension  Height - Seated (Max)  Surface Mount Land Size  Mounting Type  Package / Case  3000 Hrs @ 105°C  -55°C ~ 105°C  Automotive  Automotive  885mA @ 120Hz  885mA @ 120Hz  885mA @ 100kHz  147 mOhms  0.197" (5.00mm)  -147 mOhms  -148 mOhms  -149	Voltage - Rated	63V
Operating Temperature -55°C ~ 105°C Polarization Polar Applications Automotive Ripple Current - Low Frequency S75.3mA @ 120Hz Ripple Current - High Frequency 885mA @ 100kHz Impedance 147 mOhms Lead Spacing 0.197" (5.00mm) Size / Dimension 0.394" Dia (10.00mm) Height - Seated (Max) 0.866" (22.00mm) Surface Mount Land Size - Mounting Type Through Hole Package / Case Radial, Can	ESR (Equivalent Series Resistance)	-
Polarization Applications Automotive Ripple Current - Low Frequency Ripple Current - High Frequency Ripple Current - Low Frequency Ripple Current	Lifetime @ Temp.	3000 Hrs @ 105°C
Applications  Ripple Current - Low Frequency  S75.3mA @ 120Hz  Ripple Current - High Frequency  885mA @ 100kHz  Impedance  147 mOhms  Lead Spacing  0.197" (5.00mm)  Size / Dimension  0.394" Dia (10.00mm)  Height - Seated (Max)  0.866" (22.00mm)  Surface Mount Land Size  -  Mounting Type  Through Hole  Package / Case  Radial, Can	Operating Temperature	-55°C ~ 105°C
Ripple Current - Low Frequency  Ripple Current - High Frequency  885mA @ 120Hz  885mA @ 100kHz  Impedance  147 mOhms  Lead Spacing  0.197" (5.00mm)  Size / Dimension  0.394" Dia (10.00mm)  Height - Seated (Max)  0.866" (22.00mm)  Surface Mount Land Size  Mounting Type  Through Hole  Package / Case  Radial, Can	Polarization	Polar
Ripple Current - High Frequency  Impedance  147 mOhms  Lead Spacing  0.197" (5.00mm)  Size / Dimension  Height - Seated (Max)  Surface Mount Land Size  Mounting Type  Through Hole  Package / Case  885mA @ 100kHz  147 mOhms  0.197" (5.00mm)  0.394" Dia (10.00mm)  10.866" (22.00mm)  - Radial, Can	Applications	Automotive
Impedance 147 mOhms  Lead Spacing 0.197" (5.00mm)  Size / Dimension 0.394" Dia (10.00mm)  Height - Seated (Max) 0.866" (22.00mm)  Surface Mount Land Size -  Mounting Type Through Hole  Package / Case Radial, Can	Ripple Current - Low Frequency	575.3mA @ 120Hz
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Height - Seated (Max)  Surface Mount Land Size  Mounting Type  Through Hole  Package / Case  Radial, Can	Lead Spacing	0.197" (5.00mm)
Surface Mount Land Size - Mounting Type Through Hole Package / Case Radial, Can	Size / Dimension	0.394" Dia (10.00mm)
Mounting Type Through Hole Package / Case Radial, Can	Height - Seated (Max)	0.866" (22.00mm)
Package / Case Radial, Can	Surface Mount Land Size	-
	Mounting Type	Through Hole
Report errors?	Package / Case	Radial, Can
		Report errors?

#### **EEU-FC1J181B 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.

### **EEU-FC1J181B Payment Methods**



















## **EEU-FC1J181B Shipping Methods**













If you have any question about EEU-FC1J181B, please do not hesitate to contact us!

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