

**EEE-HA1A221AP Information**


For Reference Only

**Part Number** [EEE-HA1A221AP](#)  
**Manufacturer** Panasonic Electronic Components  
**Category** Capacitors  
[Aluminum Electrolytic Capacitors](#)  
**Description** CAP ALUM 220UF 20% 10V SMD  
**Package** Radial, Can - SMD  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**EEE-HA1A221AP Specifications**

Manufacturer Part Number	<a href="#">EEE-HA1A221AP</a>
Manufacturer	Panasonic Electronic Components
Category	Capacitors <a href="#">Aluminum Electrolytic Capacitors</a>
Package	Radial, Can - SMD
Series	Automotive, AEC-Q200, HA
Capacitance	220μF
Tolerance	±20%
Voltage - Rated	10V
ESR (Equivalent Series Resistance)	-
Lifetime @ Temp.	1000 Hrs @ 105°C
Operating Temperature	-40°C ~ 105°C
Polarization	Polar
Applications	Automotive
Ripple Current - Low Frequency	160mA @ 120Hz
Ripple Current - High Frequency	272mA @ 10kHz
Impedance	-
Lead Spacing	-
Size / Dimension	0.315" Dia (8.00mm)
Height - Seated (Max)	0.402" (10.20mm)
Surface Mount Land Size	0.327" L x 0.327" W (8.30mm x 8.30mm)
Mounting Type	Surface Mount
Package / Case	Radial, Can - SMD

[Report errors?](#)

## EEE-HA1A221AP 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.

## EEE-HA1A221AP Payment Methods



## EEE-HA1A221AP Shipping Methods



If you have any question about EEE-HA1A221AP, please do not hesitate to contact us!

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