

**MAL219690103E3 Information**


For Reference Only

**Part Number** MAL219690103E3  
**Manufacturer** Vishay BC Components  
**Category** Capacitors  
 Electric Double Layer Capacitors (EDLC), Supercapacitors  
**Description** CAP ALUM 90F 2.8V SNAP  
**Package** Coin, Stacked Vertical  
 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.


**MAL219690103E3 Specifications**

Manufacturer Part Number	MAL219690103E3
Manufacturer	Vishay BC Components
Category	Capacitors Electric Double Layer Capacitors (EDLC), Supercapacitors
Package	Coin, Stacked Vertical
Series	ENYCAP? 196HVC
Capacitance	90F
Tolerance	-20%, +80%
Voltage - Rated	2.8V
ESR (Equivalent Series Resistance)	30 mOhm @ 1kHz
Lifetime @ Temp.	1000 Hrs @ 85°C
Termination	PC Pins
Mounting Type	Through Hole
Package / Case	Coin, Stacked Vertical
Lead Spacing	0.276" (7.00mm)
Size / Dimension	1.378" L x 0.295" W (35.00mm x 7.50mm)
Height - Seated (Max)	0.984" (25.00mm)
Operating Temperature	-20°C ~ 85°C

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## MAL219690103E3 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.

## MAL219690103E3 Payment Methods



## MAL219690103E3 Shipping Methods



If you have any question about MAL219690103E3, please do not hesitate to contact us!

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