

MAL219691102E3 Information


For Reference Only

Part Number [MAL219691102E3](#)
Manufacturer Vishay BC Components
Category Capacitors
 [Electric Double Layer Capacitors \(EDLC\), Supercapacitors](#)
Description CAP ALUM 4F 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


[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.


MAL219691102E3 Specifications

Manufacturer Part Number	MAL219691102E3
Manufacturer	Vishay BC Components
Category	Capacitors Electric Double Layer Capacitors (EDLC), Supercapacitors
Package	Coin, Stacked Vertical
Series	ENYCAP? 196HVC
Capacitance	4F
Tolerance	-20%, +80%
Voltage - Rated	2.8V
ESR (Equivalent Series Resistance)	5 Ohm @ 1kHz
Lifetime @ Temp.	1000 Hrs @ 85°C
Termination	PC Pins
Mounting Type	Through Hole
Package / Case	Coin, Stacked Vertical
Lead Spacing	0.295" (7.50mm)
Size / Dimension	0.295" Dia (7.50mm)
Height - Seated (Max)	0.197" (5.00mm)
Operating Temperature	-20°C ~ 70°C

[Report errors?](#)

MAL219691102E3 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.

MAL219691102E3 Payment Methods



MAL219691102E3 Shipping Methods



If you have any question about MAL219691102E3, please do not hesitate to contact us!

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