

## HMA121ER3V Information



For Reference Only

**Part Number** [HMA121ER3V](#)  
**Manufacturer** Fairchild/ON Semiconductor  
**Category** Isolators  
[Optoisolators - Transistor, Photovoltaic Output](#)  
**Description** OPTOISO 3.75KV TRANSISTOR 4SMD  
**Package** 4-SMD, Gull Wing  
 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.



## HMA121ER3V Specifications

Manufacturer Part Number	<a href="#">HMA121ER3V</a>
Manufacturer	Fairchild/ON Semiconductor
Category	Isolators <a href="#">Optoisolators - Transistor, Photovoltaic Output</a>
Package	4-SMD, Gull Wing
Series	-
Number of Channels	1
Voltage - Isolation	3750Vrms
Current Transfer Ratio (Min)	150% @ 5mA
Current Transfer Ratio (Max)	300% @ 5mA
Turn On / Turn Off Time (Typ)	-
Rise / Fall Time (Typ)	3μs, 3μs
Input Type	DC
Output Type	Transistor
Voltage - Output (Max)	80V
Current - Output / Channel	80mA
Voltage - Forward (Vf) (Typ)	1.3V (Max)
Current - DC Forward (If) (Max)	50mA
Vce Saturation (Max)	400mV
Operating Temperature	-40°C ~ 100°C
Mounting Type	Surface Mount
Package / Case	4-SMD, Gull Wing
Supplier Device Package	4-Mini-Flat

[Report errors?](#)

## HMA121ER3V 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.

## HMA121ER3V Payment Methods



## HMA121ER3V Shipping Methods



If you have any question about HMA121ER3V, please do not hesitate to contact us!

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