

**C4D05120A Information**


For Reference Only

**Part Number** C4D05120A  
**Manufacturer** Cree/Wolfspeed  
**Category** Discrete Semiconductor Products  
     **Diodes - Rectifiers - Single**  
**Description** DIODE SCHOTTKY 1.2KV 8.2A TO220  
**Package** TO-220-2  
 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.


**C4D05120A Specifications**

Manufacturer Part Number	C4D05120A
Manufacturer	Cree/Wolfspeed
Category	Discrete Semiconductor Products <b>Diodes - Rectifiers - Single</b>
Package	TO-220-2
Series	Z-Rec?
Diode Type	Silicon Carbide Schottky
Voltage - DC Reverse (Vr) (Max)	1200V
Current - Average Rectified (Io)	8.2A (DC)
Voltage - Forward (Vf) (Max) @ If	1.8V @ 5A
Speed	No Recovery Time > 500mA (Io)
Reverse Recovery Time (trr)	0ns
Current - Reverse Leakage @ Vr	150µA @ 1200V
Capacitance @ Vr, F	390pF @ 0V, 1MHz
Mounting Type	Through Hole
Package / Case	TO-220-2
Supplier Device Package	TO-220-2
Operating Temperature - Junction	-55°C ~ 175°C

[Report errors?](#)

## C4D05120A 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.

## C4D05120A Payment Methods



## C4D05120A Shipping Methods



If you have any question about C4D05120A, please do not hesitate to contact us!

Website: <https://www.heisener.com>

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