

CMF10120D Information


For Reference Only

Part Number [CMF10120D](#)
Manufacturer Cree/Wolfspeed
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 1200V 24A TO247
Package TO-247-3
 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.


CMF10120D Specifications

Manufacturer Part Number	CMF10120D
Manufacturer	Cree/Wolfspeed
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-247-3
Series	Z-FET?
FET Type	N-Channel
Technology	SiCFET (Silicon Carbide)
Drain to Source Voltage (Vdss)	1200V
Current - Continuous Drain (Id) @ 25°C	24A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	20V
Vgs(th) (Max) @ Id	4V @ 500µA
Gate Charge (Qg) (Max) @ Vgs	47.1nC @ 20V
Input Capacitance (Ciss) (Max) @ Vds	928pF @ 800V
Vgs (Max)	+25V, -5V
FET Feature	-
Power Dissipation (Max)	134W (Tc)
Rds On (Max) @ Id, Vgs	220 mOhm @ 10A, 20V
Operating Temperature	-55°C ~ 135°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-247
Package / Case	TO-247-3

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CMF10120D 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.

CMF10120D Payment Methods



CMF10120D Shipping Methods



If you have any question about CMF10120D, please do not hesitate to contact us!

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