C2M0025120D Information

For Reference Only

Part Number	C2M0025120D
Manufacturer	Cree/Wolfspeed
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Description	MOSFET N-CH 1200V 90A TO-247
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.

C2M0025120D Specifications

Manufacturer Part Number	C2M0025120D
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	90A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	20V
Vgs(th) (Max) @ Id	2.4V @ 10mA
Gate Charge (Qg) (Max) @ Vgs	161nC @ 20V
Input Capacitance (Ciss) (Max) @ Vds	2788pF @ 1000V
Vgs (Max)	+25V, -10V
FET Feature	-
Power Dissipation (Max)	463W (Tc)
Rds On (Max) @ Id, Vgs	34 mOhm @ 50A, 20V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-247-3
Package / Case	TO-247-3

Report errors?

C2M0025120D 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.

C2M0025120D Payment Methods

C2M0025120D Shipping Methods

If you have any question about C2M0025120D, please do not hesitate to contact us!
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