

APT4F120K Information


For Reference Only

Part Number [APT4F120K](#)
Manufacturer Microsemi Corporation
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 1200V 4A TO-220
Package TO-220-3
 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.


APT4F120K Specifications

Manufacturer Part Number	APT4F120K
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	1200V
Current - Continuous Drain (Id) @ 25°C	4A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	5V @ 500µA
Gate Charge (Qg) (Max) @ Vgs	43nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	1385pF @ 25V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	225W (Tc)
Rds On (Max) @ Id, Vgs	4.6 Ohm @ 2A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220
Package / Case	TO-220-3

[Report errors?](#)

APT4F120K 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.

APT4F120K Payment Methods



APT4F120K Shipping Methods



If you have any question about APT4F120K, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com