

GP2M012A060H Information


For Reference Only

Part Number [GP2M012A060H](#)
Manufacturer Global Power Technologies Group
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 600V 12A TO220
Package TO-220-3
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


GP2M012A060H Specifications

| | |
|----------------------------------------|-----------------------------------------------------------------------------------------|
| Manufacturer Part Number | GP2M012A060H |
| Manufacturer | Global Power Technologies Group |
| 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 (Vds) | 600V |
| Current - Continuous Drain (Id) @ 25°C | 12A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 10V |
| Vgs(th) (Max) @ Id | 5V @ 250µA |
| Gate Charge (Qg) (Max) @ Vgs | 40nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 1890pF @ 25V |
| Vgs (Max) | ±30V |
| FET Feature | - |
| Power Dissipation (Max) | 231W (Tc) |
| Rds On (Max) @ Id, Vgs | 650 mOhm @ 6A, 10V |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Through Hole |
| Supplier Device Package | TO-220 |
| Package / Case | TO-220-3 |

[Report errors?](#)

GP2M012A060H 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.

GP2M012A060H Payment Methods



GP2M012A060H Shipping Methods



If you have any question about GP2M012A060H, please do not hesitate to contact us!

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