

IXKN40N60C Information


For Reference Only

Part Number [IXKN40N60C](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 600V 40A SOT-227B
Package SOT-227-4, miniBLOC
 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.


IXKN40N60C Specifications

| | |
|--|---|
| Manufacturer Part Number | IXKN40N60C |
| Manufacturer | IXYS |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single |
| Package | SOT-227-4, miniBLOC |
| Series | CoolMOS? |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (V _{ds}) | 600V |
| Current - Continuous Drain (I _d) @ 25°C | 40A |
| Drive Voltage (Max R _{ds} On, Min R _{ds} On) | 10V |
| V _{gs} (th) (Max) @ I _d | 3.9V @ 2.5mA |
| Gate Charge (Q _g) (Max) @ V _{gs} | 250nC @ 10V |
| Input Capacitance (C _{iss}) (Max) @ V _{ds} | - |
| V _{gs} (Max) | ±20V |
| FET Feature | Super Junction |
| Power Dissipation (Max) | - |
| R _{ds} On (Max) @ I _d , V _{gs} | 70 mOhm @ 500mA, 10V |
| Operating Temperature | -40°C ~ 150°C (TJ) |
| Mounting Type | Chassis Mount |
| Supplier Device Package | SOT-227B |
| Package / Case | SOT-227-4, miniBLOC |

[Report errors?](#)

IXKN40N60C 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.

IXKN40N60C Payment Methods



IXKN40N60C Shipping Methods



If you have any question about IXKN40N60C, please do not hesitate to contact us!

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