

**IXGC16N60C2D1 Information**


For Reference Only

**Part Number** [IXGC16N60C2D1](#)  
**Manufacturer** IXYS  
**Category** Discrete Semiconductor Products  
[Transistors - IGBTs - Single](#)  
**Description** IGBT 600V 20A 63W ISOPLUS220  
**Package** ISOPLUS220?  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**IXGC16N60C2D1 Specifications**

|   |   |
|---|---|
| Manufacturer Part Number                    | <a href="#">IXGC16N60C2D1</a>   |
| Manufacturer                                | IXYS  |
| Category                                    | Discrete Semiconductor Products<br><a href="#">Transistors - IGBTs - Single</a> |
| Package                                     | ISOPLUS220?   |
| Series                                      | HiPerFAST?  |
| IGBT Type                                   | PT  |
| Voltage - Collector Emitter Breakdown (Max) | 600V  |
| Current - Collector (Ic) (Max)              | 20A   |
| Current - Collector Pulsed (Icm)            | 100A  |
| Vce(on) (Max) @ Vge, Ic                     | 3V @ 15V, 12A   |
| Power - Max                                 | 63W   |
| Switching Energy                            | 60µJ (off)  |
| Input Type                                  | Standard  |
| Gate Charge                                 | 32nC  |
| Td (on/off) @ 25°C                          | 25ns/60ns   |
| Test Condition                              | 400V, 12A, 22 Ohm, 15V  |
| Reverse Recovery Time (trr)                 | 30ns  |
| Operating Temperature                       | -55°C ~ 150°C (TJ)  |
| Mounting Type                               | Through Hole  |
| Package / Case                              | ISOPLUS220?   |
| Supplier Device Package                     | ISOPLUS220?   |

[Report errors?](#)

## IXGC16N60C2D1 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.

## IXGC16N60C2D1 Payment Methods



## IXGC16N60C2D1 Shipping Methods



If you have any question about IXGC16N60C2D1, please do not hesitate to contact us!

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

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)