



### **IXTC250N075T Information**



For Reference Only

Part Number IXTC250N075T

Manufacturer IXYS

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 75V 128A ISOPLUS220

Package ISOPLUS220?

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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## **IXTC250N075T Specifications**

Manufacturer Part Number         IXTC250N075T           Manufacturer         IXYS           Category         Discrete Semiconductor Products           Transistors - FETs, MOSFETs - Single           Package         ISOPLUS220?           Series         -           FET Type         N-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         75V           Current - Continuous Drain (Id) @ 25°C         128A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         10V           Vgs(th) (Max) @ Id         4V @ 250µA           Gate Charge (Qg) (Max) @ Vgs         200nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         9900pF @ 25V           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         160W (Tc)           Rds On (Max) @ Id, Vgs         4.4 mOhm @ 25A, 10V           Operating Temperature         -55°C ~ 175°C (TJ)           Mounting Type         Through Hole           Supplier Device Package         ISOPLUS220?           Package / Case         ISOPLUS220?		
Category  Discrete Semiconductor Products  Transistors - FETs, MOSFETs - Single  ISOPLUS220?  Series  - FET Type  N-Channel  Technology  MOSFET (Metal Oxide)  Toxin to Source Voltage (Vdss)  Current - Continuous Drain (Id) @ 25°C  128A (Tc)  Drive Voltage (Max Rds On, Min Rds On)  Vgs(th) (Max) @ Id  Gate Charge (Qg) (Max) @ Vgs  Input Capacitance (Ciss) (Max) @ Vds  Vgs (Max)  ### 20V  #### 20V  ### 250, A  ### 20V  ### 2	Manufacturer Part Number	IXTC250N075T
Package         ISOPLUS220?           Series         -           FET Type         N-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         75V           Current - Continuous Drain (Id) @ 25°C         128A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         10V           Vgs(th) (Max) @ Id         4V @ 250μA           Gate Charge (Qg) (Max) @ Vgs         200nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         9900pF @ 25V           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         160W (Tc)           Rds On (Max) @ Id, Vgs         4.4 mOhm @ 25A, 10V           Operating Temperature         -55°C ~ 175°C (TJ)           Mounting Type         Through Hole           Supplier Device Package         ISOPLUS220?           Package / Case         ISOPLUS220?	Manufacturer	IXYS
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Technology  Drain to Source Voltage (Vdss)  Current - Continuous Drain (Id) @ 25°C  Drive Voltage (Max Rds On, Min Rds On)  Vgs(th) (Max) @ Id  Gate Charge (Qg) (Max) @ Vgs  Input Capacitance (Ciss) (Max) @ Vds  Vgs (Max)  FET Feature  Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  At mOhm @ 25A, 10V  Operating Temperature  Supplier Device Package  Package / Case  MOSFET (Metal Oxide)  75V  128A (Tc)  128A (Tc)  10V  4V @ 250μA  4V @ 250μA  200nC @ 10V  9900pF @ 25V  ±20V  FET Feature  - Footon (To)  44 mOhm @ 25A, 10V  Operating Temperature  -55°C ~ 175°C (TJ)  Through Hole	Series	-
Drain to Source Voltage (Vdss)75VCurrent - Continuous Drain (Id) @ 25°C128A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4V @ 250μAGate Charge (Qg) (Max) @ Vgs200nC @ 10VInput Capacitance (Ciss) (Max) @ Vds9900pF @ 25VVgs (Max)±20VFET Feature-Power Dissipation (Max)160W (Tc)Rds On (Max) @ Id, Vgs4.4 mOhm @ 25A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HoleSupplier Device PackageISOPLUS220?Package / CaseISOPLUS220?	FET Type	N-Channel
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Mounting Type Through Hole Supplier Device Package ISOPLUS220? Package / Case ISOPLUS220?	Rds On (Max) @ Id, Vgs	4.4 mOhm @ 25A, 10V
Supplier Device Package ISOPLUS220? Package / Case ISOPLUS220?	Operating Temperature	-55°C ~ 175°C (TJ)
Package / Case ISOPLUS220?	Mounting Type	Through Hole
	Supplier Device Package	ISOPLUS220?
	Package / Case	ISOPLUS220?
Report errors?		Report errors?

#### IXTC250N075T 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.

# **IXTC250N075T Payment Methods**



















### **IXTC250N075T Shipping Methods**













If you have any question about IXTC250N075T, please do not hesitate to contact us!

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