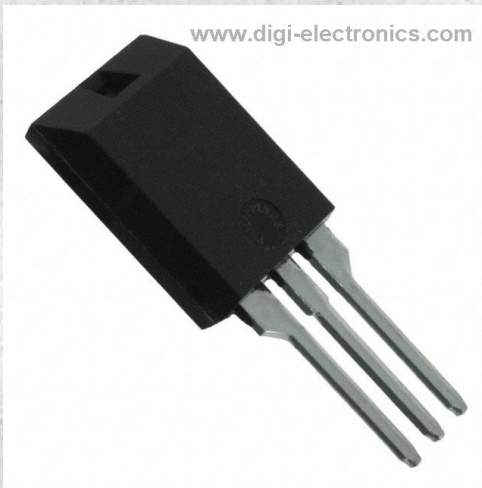


# IXFC96N15P Datasheet



<https://www.DiGi-Electronics.com>

DiGi Electronics Part Number	IXFC96N15P-DG
Manufacturer	<a href="#">IXYS</a>
Manufacturer Product Number	IXFC96N15P
Description	MOSFET N-CH 150V 42A ISOPLUS220
Detailed Description	N-Channel 150 V 42A (Tc) 120W (Tc) Through Hole ISOPLUS220™



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## Purchase and inquiry

Manufacturer Product Number:

IXFC96N15P

Series:

PolarHT™ HiPerFET™

FET Type:

N-Channel

Drain to Source Voltage (Vdss):

150 V

Drive Voltage (Max Rds On, Min Rds On):

10V

Vgs(th) (Max) @ Id:

5V @ 4mA

Vgs (Max):

±20V

FET Feature:

-

Operating Temperature:

-55°C ~ 175°C (Tj)

Supplier Device Package:

ISOPLUS220™

Base Product Number:

IXFC96N15

Manufacturer:

IXYS

Product Status:

Obsolete

Technology:

MOSFET (Metal Oxide)

Current - Continuous Drain (Id) @ 25°C:

42A (Tc)

Rds On (Max) @ Id, Vgs:

26mOhm @ 48A, 10V

Gate Charge (Qg) (Max) @ Vgs:

110 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

3500 pF @ 25 V

Power Dissipation (Max):

120W (Tc)

Mounting Type:

Through Hole

Package / Case:

ISOPLUS220™

## Environmental & Export classification

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99

REACH Status:

REACH Unaffected

HTSUS:

8541.29.0095

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