

VM060-05F Datasheet

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|------------------------------|---|
| DiGi Electronics Part Number | VM060-05F-DG |
| Manufacturer | IXYS |
| Manufacturer Product Number | VM060-05F |
| Description | MOSFET N-CH 500V 60A TO240AA |
| Detailed Description | N-Channel 500 V 60A (Tc) 590W (Tc) Chassis Mount TO-240AA |



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Purchase and inquiry

Manufacturer Product Number:

VMO60-05F

Series:

HiPerFET™

FET Type:

N-Channel

Drain to Source Voltage (Vdss):

500 V

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

10V

Vgs(th) (Max) @ Id:

4V @ 24mA

Vgs (Max):

±20V

FET Feature:

-

Operating Temperature:

-40°C ~ 150°C (Tj)

Supplier Device Package:

TO-240AA

Base Product Number:

VMO60

Manufacturer:

IXYS

Product Status:

Obsolete

Technology:

MOSFET (Metal Oxide)

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

60A (Tc)

Rds On (Max) @ Id, Vgs:

75mOhm @ 500mA, 10V

Gate Charge (Qg) (Max) @ Vgs:

405 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

12600 pF @ 25 V

Power Dissipation (Max):

590W (Tc)

Mounting Type:

Chassis Mount

Package / Case:

TO-240AA

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8541.29.0095

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99

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