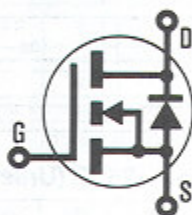


HEXFET® TRANSISTORS IRF540

**N-CHANNEL
POWER MOSFETs**



IRF541
IRF542
IRF543

**100 Volt, 0.085 Ohm HEXFET
TO-220AB Plastic Package**

The HEXFET® technology is the key to International Rectifier's advanced line of power MOSFET transistors. The efficient geometry and unique processing of the HEXFET design achieve very low on-state resistance combined with high transconductance and great device ruggedness.

The HEXFET transistors also feature all of the well established advantages of MOSFETs such as voltage control, freedom from second breakdown, very fast switching, ease of paralleling, and temperature stability of the electrical parameters.

They are well suited for applications such as switching power supplies, motor controls, inverters, choppers, audio amplifiers, and high energy pulse circuits.

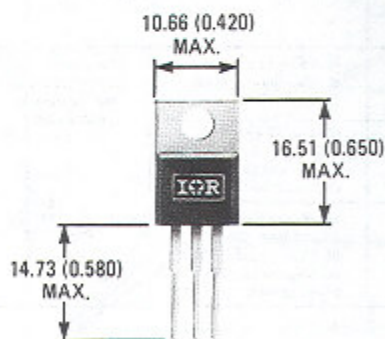
Features:

- Compact Plastic Package
- Fast Switching
- Low Drive Current
- Ease of Paralleling
- No Second Breakdown
- Excellent Temperature Stability

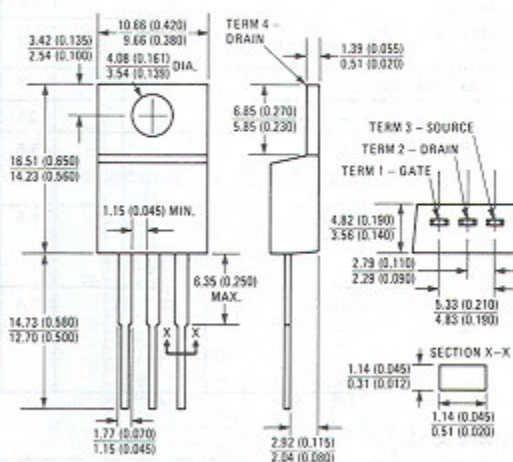
Product Summary

Part Number	V _{DS}	R _{DS(on)}	I _D
IRF540	100V	0.085Ω	27A
IRF541	60V	0.085Ω	27A
IRF542	100V	0.11Ω	24A
IRF543	60V	0.11Ω	24A

CASE STYLE AND DIMENSIONS



ACTUAL SIZE



Case Style TO-220AB
Dimensions in Millimeters and (Inches)