/ Descriptions

TO-220 N MOS N-CHANNEL MOSFET in a TO-220 Plastic Package.

/ Features

, ,

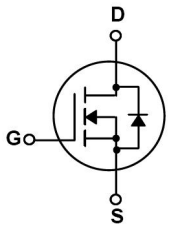
Low gate charge, low crss, fast switching.

/ Applications

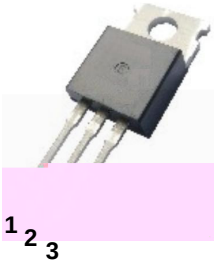
DC/DC

These devices are well suited for high efficiency switching DC/DC converters and switch mode power supplies.

/ Equivalent Circuit



/ Pinning



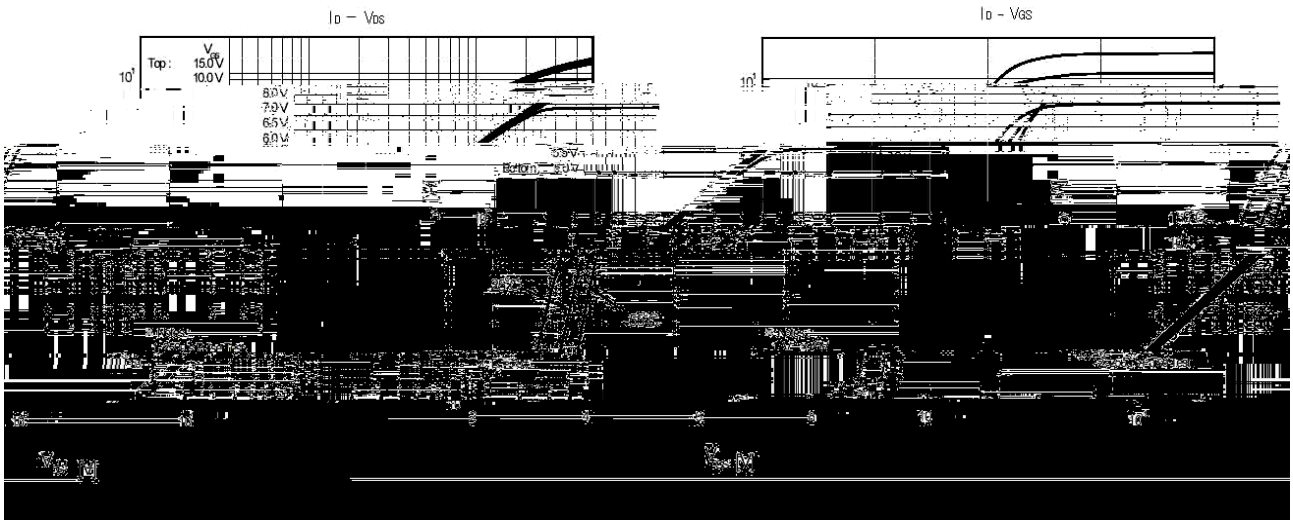
PIN1 G PIN 2 D PIN 3 S

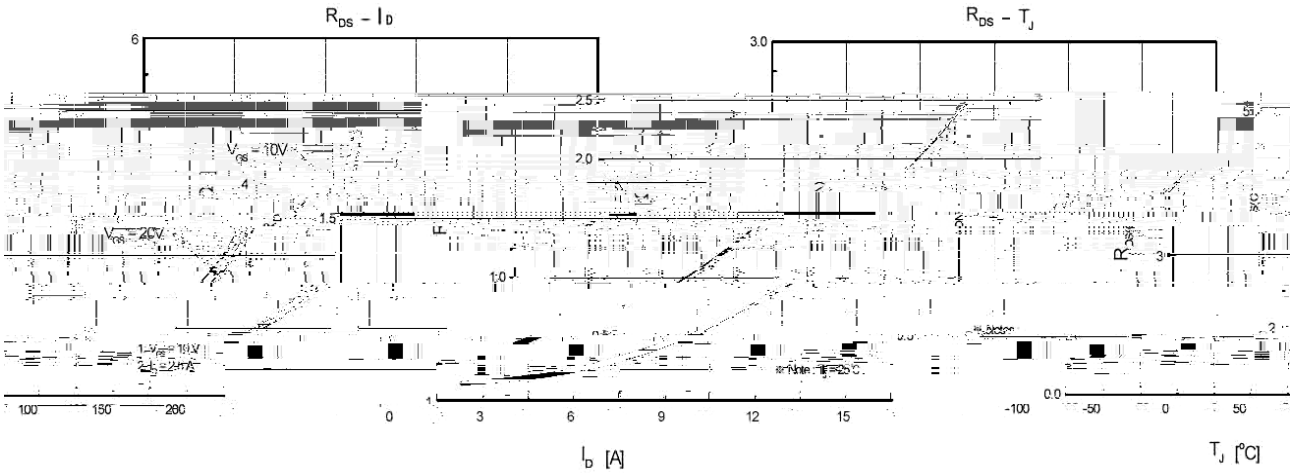
/ h_{FE} Classifications & Marking

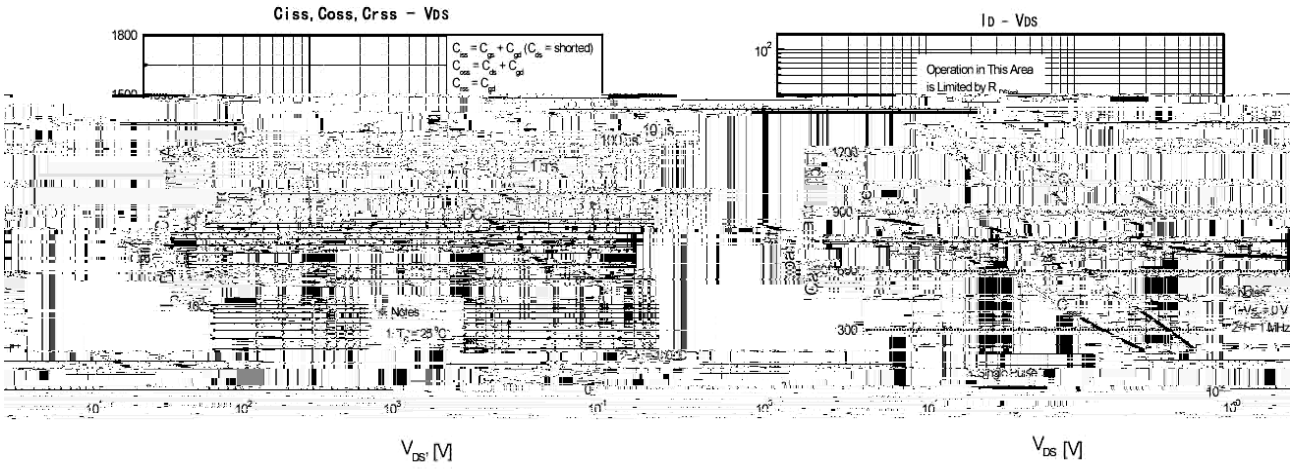
See Marking Instructions.

Parameter	Symbol	Rating

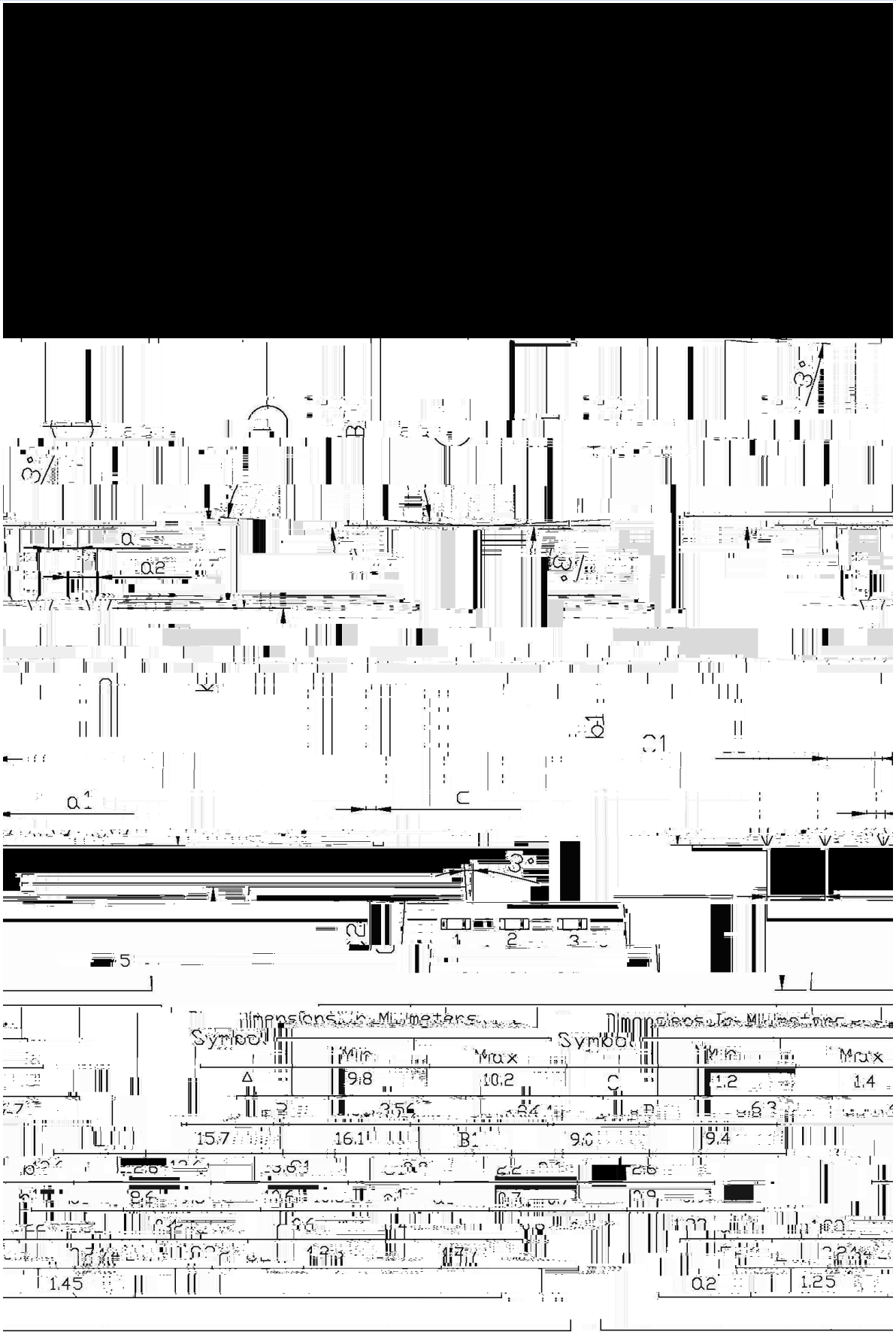
/ Electrical Characteristic Curve



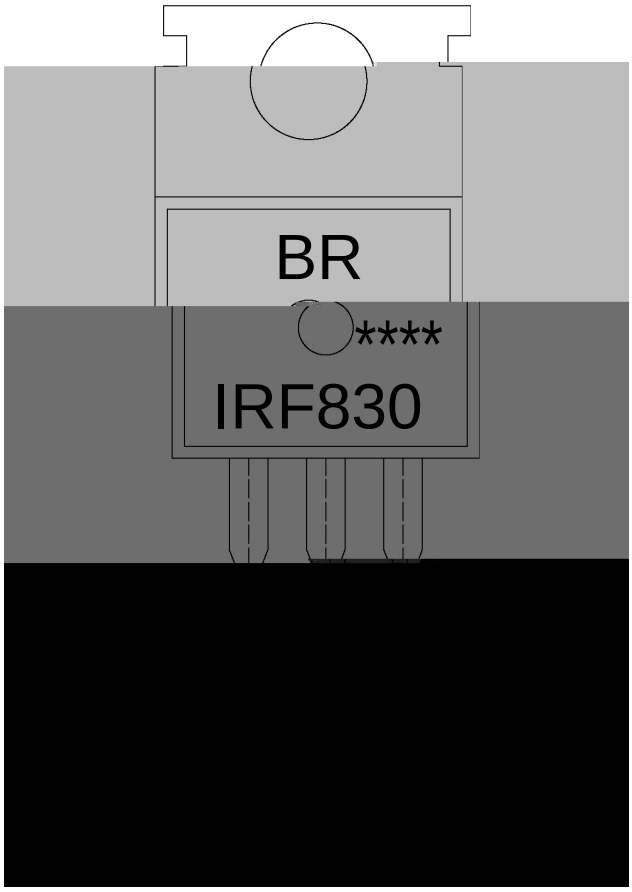




/ Package Dimensions



/ Marking Instructions



BR

IRF830

****

Note:

BR:	Company Code
IRF830:	Product Type.
****:	Lot No. Code, code change with Lot No.