/ Descriptions

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

/ Features

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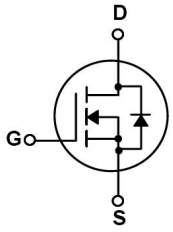
Low gate charge, low crss, fast switching.

/ Applications

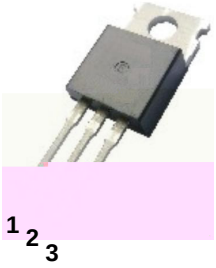
DC/DC

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

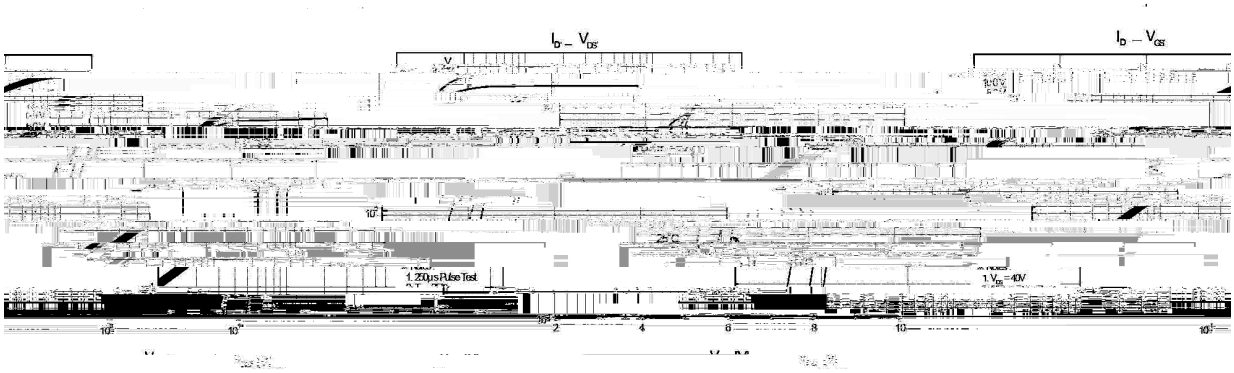
/ h_{FE} Classifications & Marking

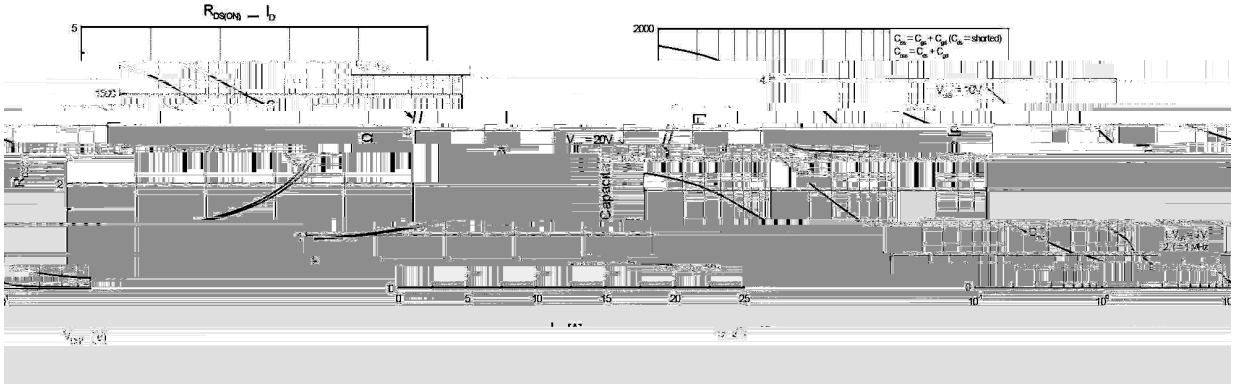
See Marking Instructions.

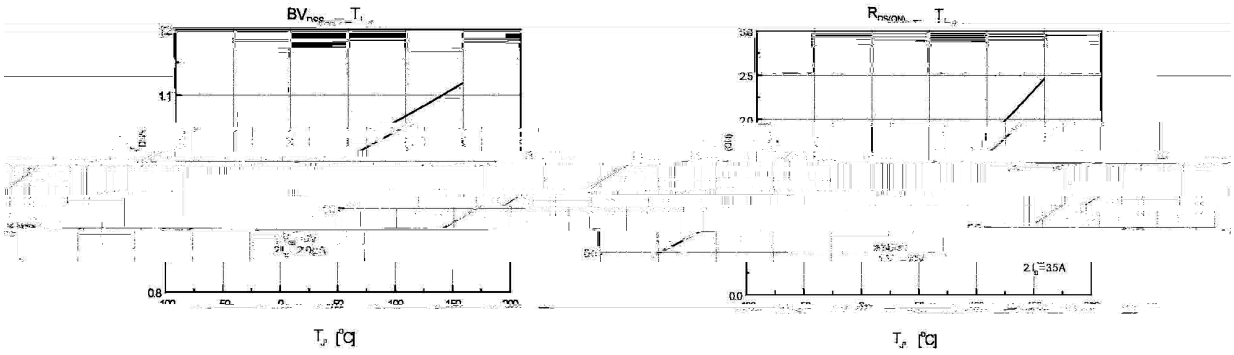
ymbol	Rating	Unit
V_{DSS}	600	V
Tc=25)	7.0	A
c=100)	4.4	A
I_{DM}	28	A
V_{GSS}	±30	V
E_{AS}	420	mJ
E_{AR}	14.7	mJ
I_{AR}	7.0	A
Tc=25)	147	W
$_J$,T_{STG}	-55 to 150	

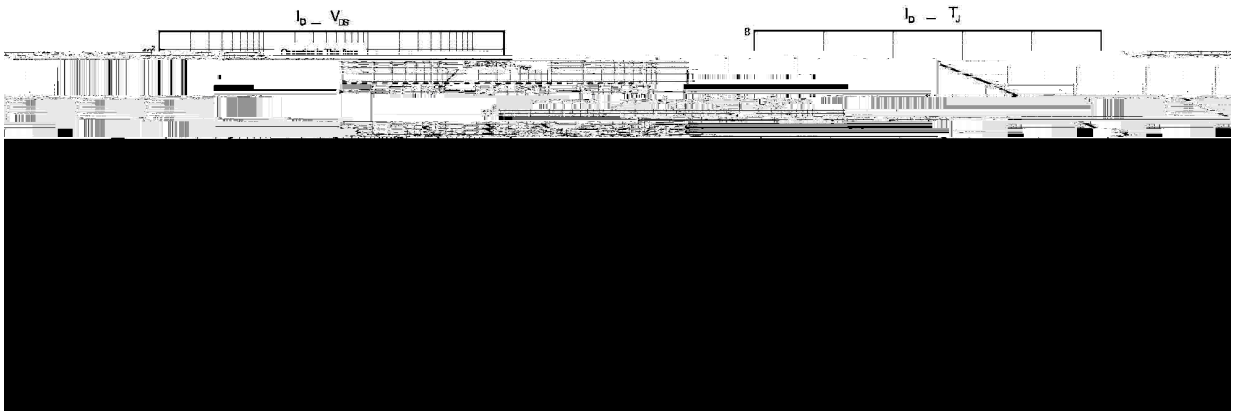
onditions	Min	Typ	Max	Unit
I_D=250 A	600			V
V_{GS}=0V			1	A
T_C=125			100	A
V_{DS}=0V			±100	nA

/ Electrical Characteristic Curve

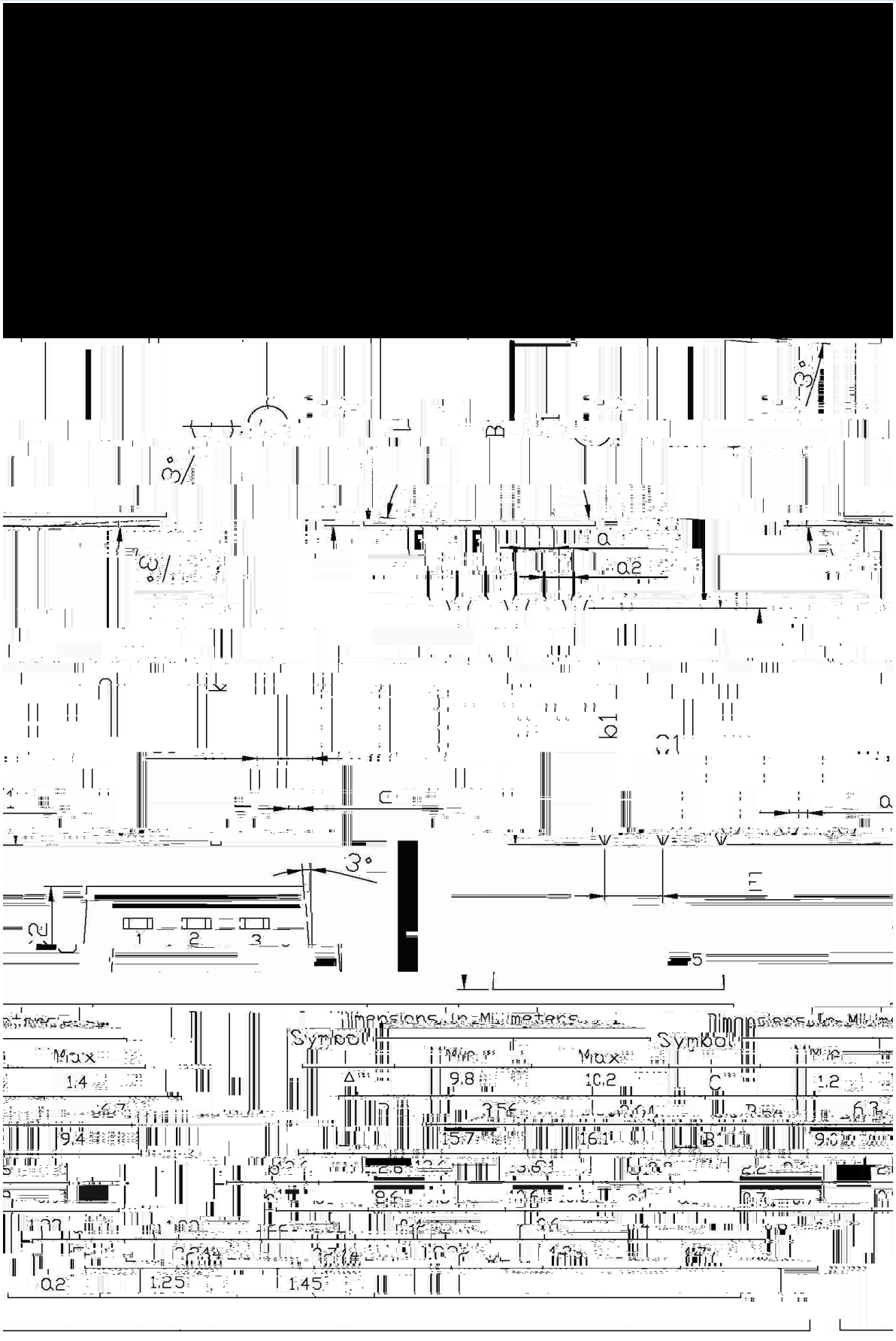




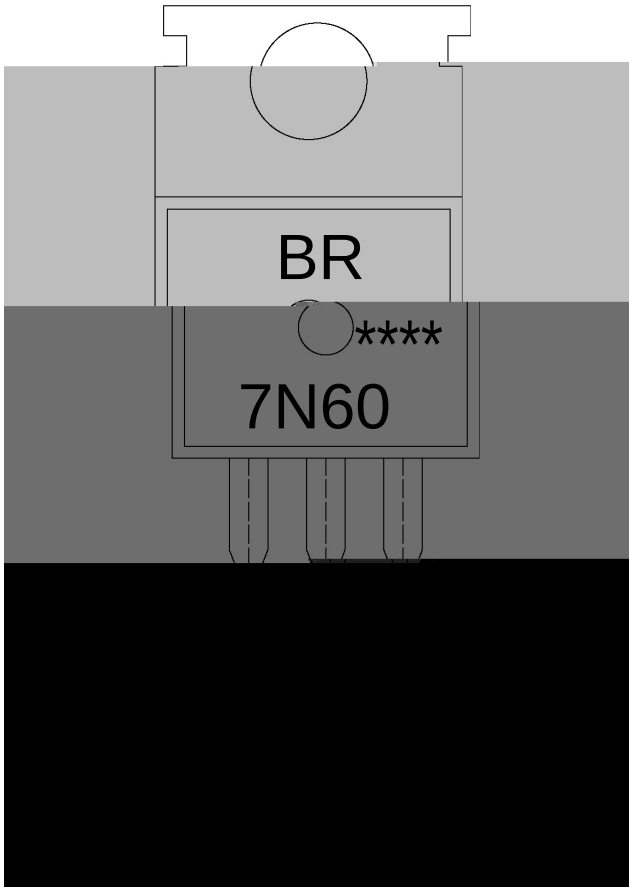




/ Package Dimensions



/ Marking Instructions



BR

7N60

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Note:

BR:	Company Code
7N60:	Product Type.
****:	Lot No. Code, code change with Lot No.