

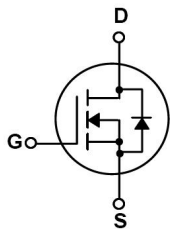
Rev. E Jul.-2018

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

Low gate charge, low crss, fast switching.

DC/DC

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

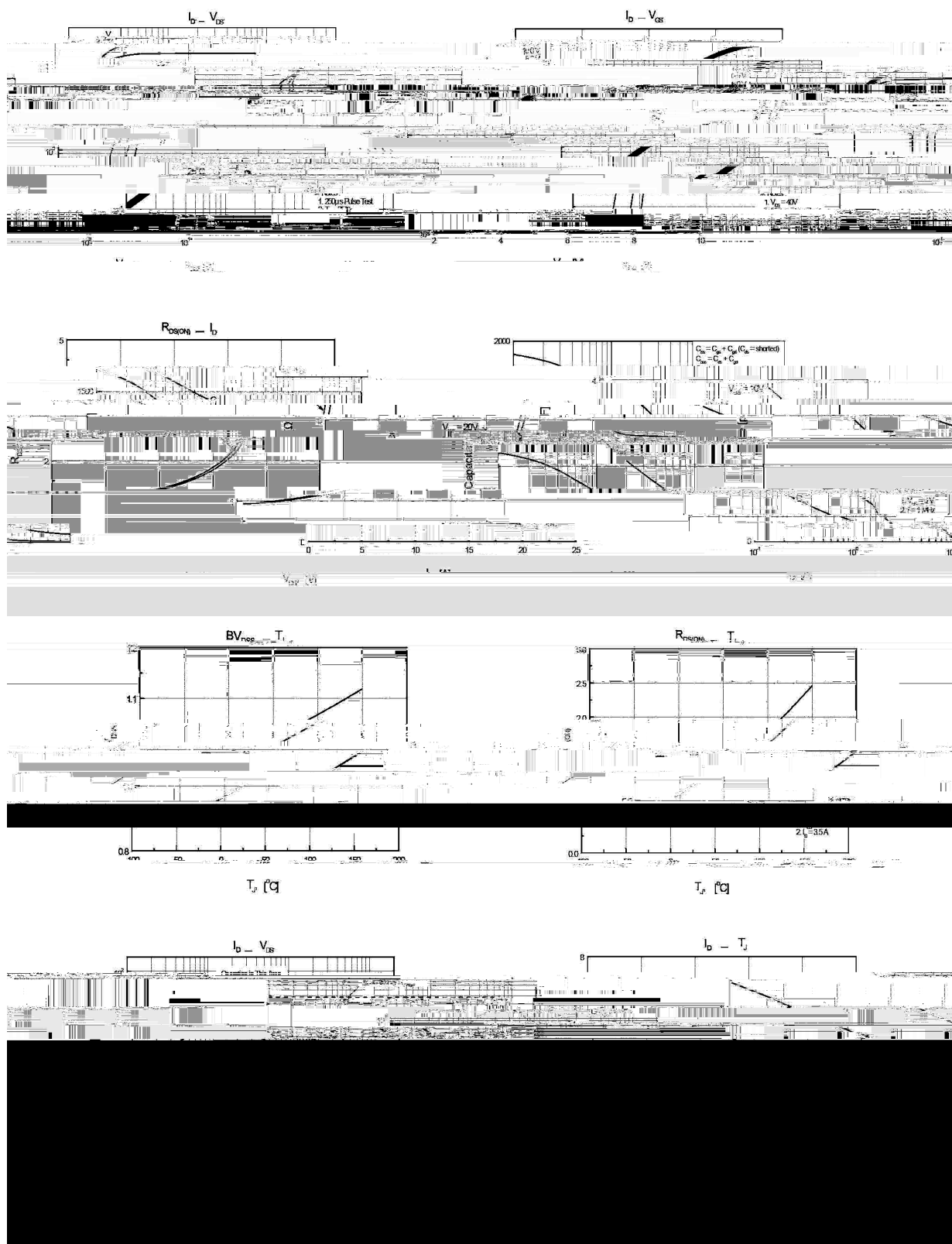


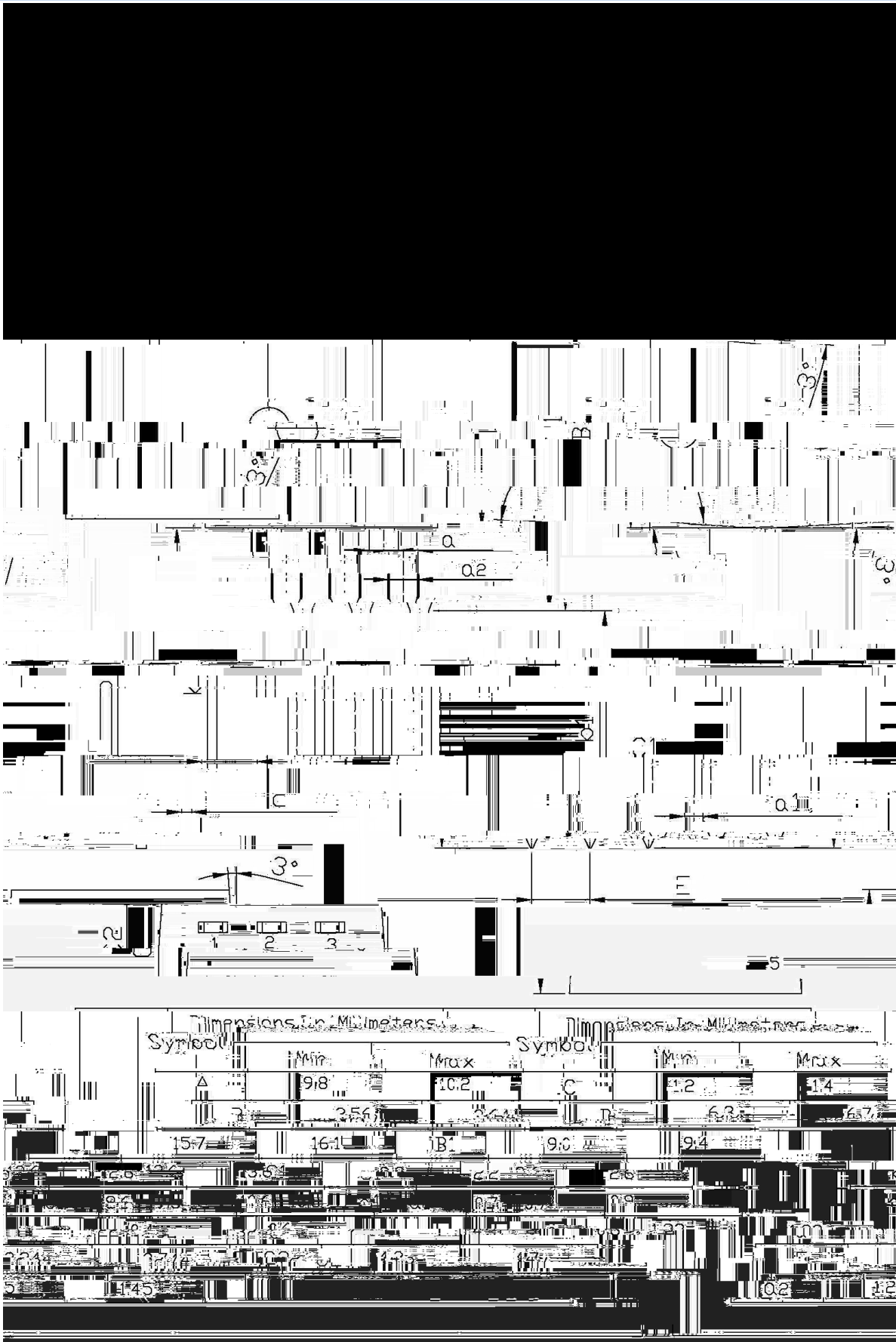
PIN1 G PIN 2 D PIN 3 S

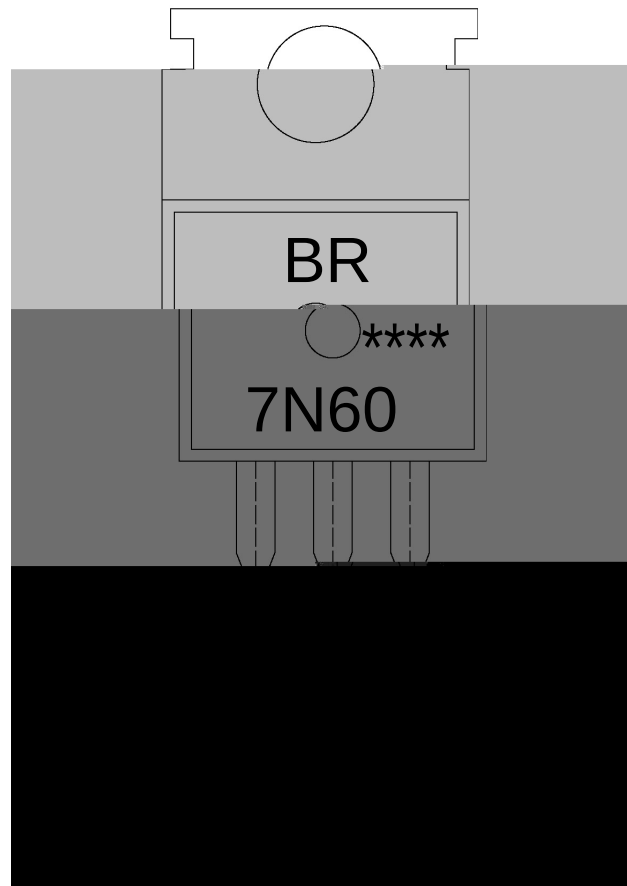
See Marking Instructions.

Symbol	Rating	Unit
V_{DSS}	600	V
$T_c=25\text{ }^{\circ}\text{C}$	7.0	A
$T_c=100\text{ }^{\circ}\text{C}$	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
$T_c=25\text{ }^{\circ}\text{C}$	147	W
T_J, T_{STG}	-55 to 150	

Conditions	Min	Typ	Max	Unit
$I_D=250\text{ A}$	600			V
$V_{GS}=0\text{V}$			1	A
$T_c=125$			100	A
$V_{DS}=0\text{V}$			± 100	nA







BR

7N60

Note:

BR: Company Code

7N60: Product Type.

****: Lot No. Code, code change with Lot No.

