/ Descriptions

TO-220 ĮĮĖ N ŏ MOS ĵ ŵ Ẑ ˥ N-CHANNEL MOSFET in a TO-220 Plastic Package.

/ Features

Ĥ Ɔ U/Ĥ ŗ ŧ Ɔ ķ/Ầ ĥ ȣ ỷ ȏ

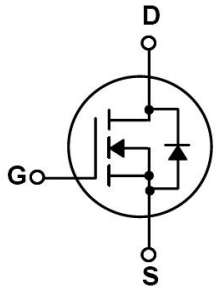
Low gate charge, low crss, fast switching.

/ Applications

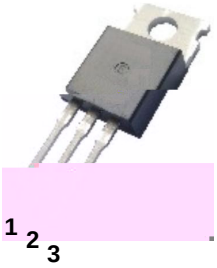
ȟ ≍ ı ' GF2GF ȩ Ɔ ı ' Ầ ĥ

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

/ Equivalent Circuit



/ Pinning

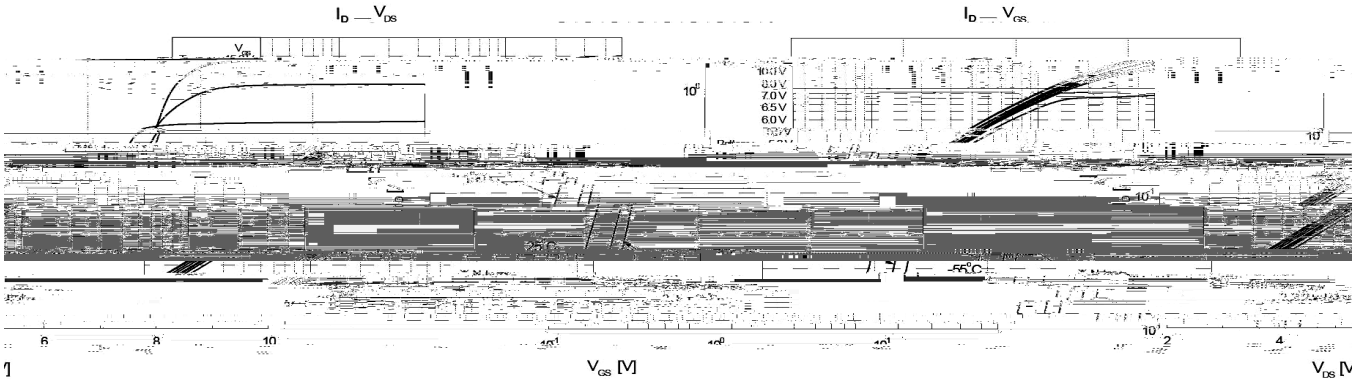


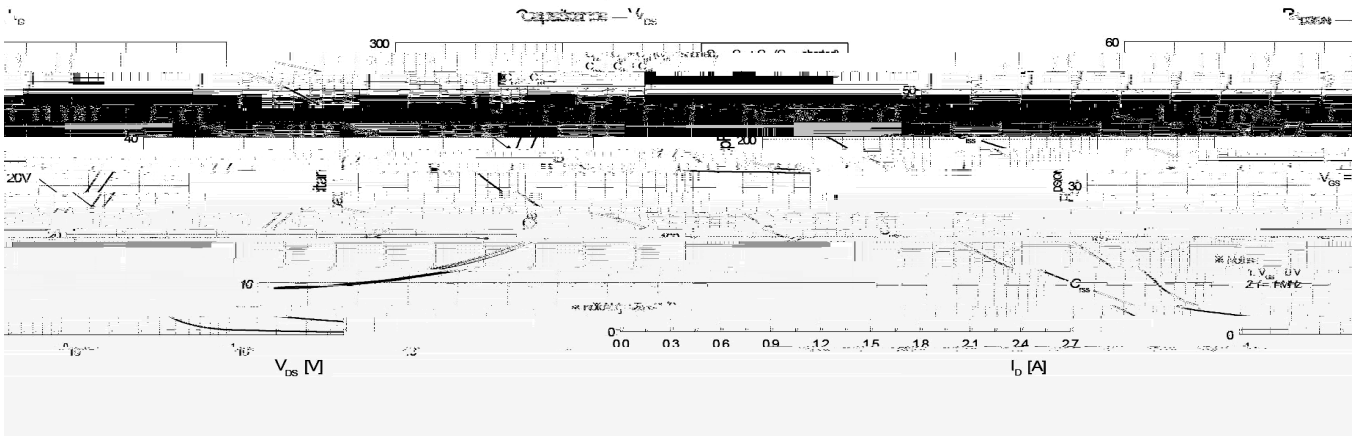
PIN1 χ G PIN 2 χ D PIN 3 χ S

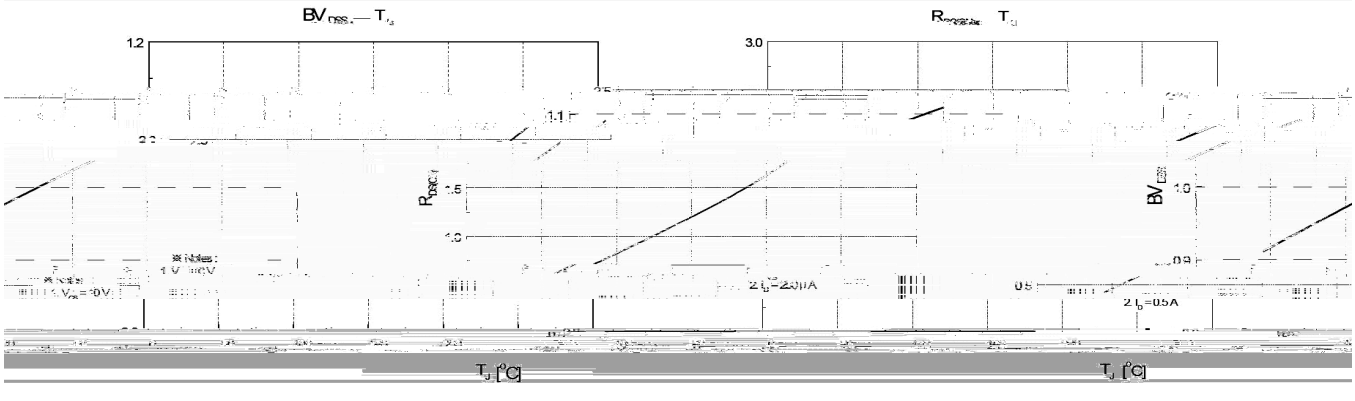
/ h_{FE} Classifications & Marking

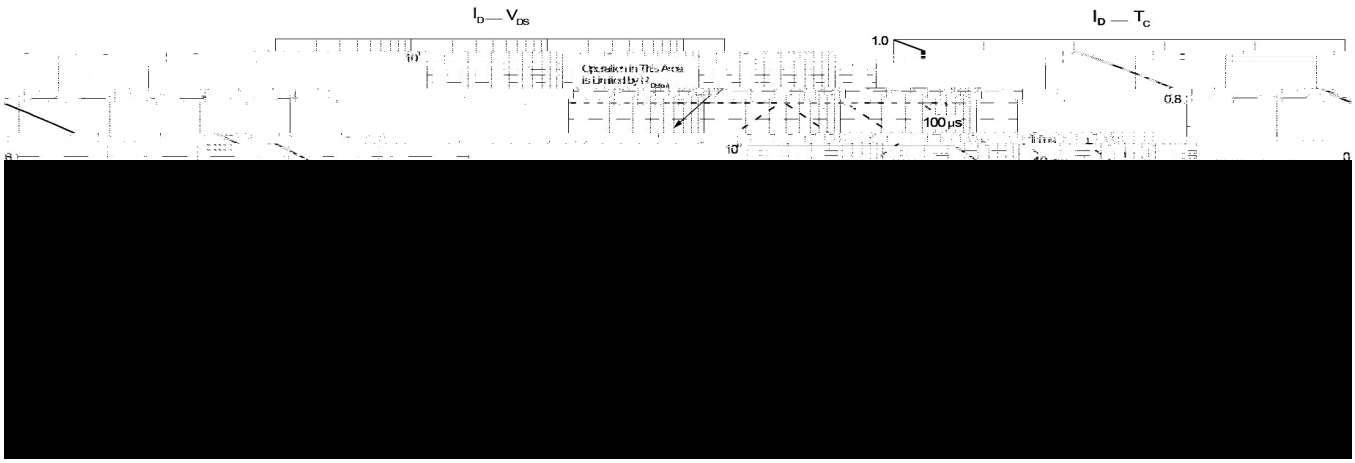
ȏ ᴍ ˥ ب ˝ See Marking Instructions.

/ Electrical Characteristic Curve

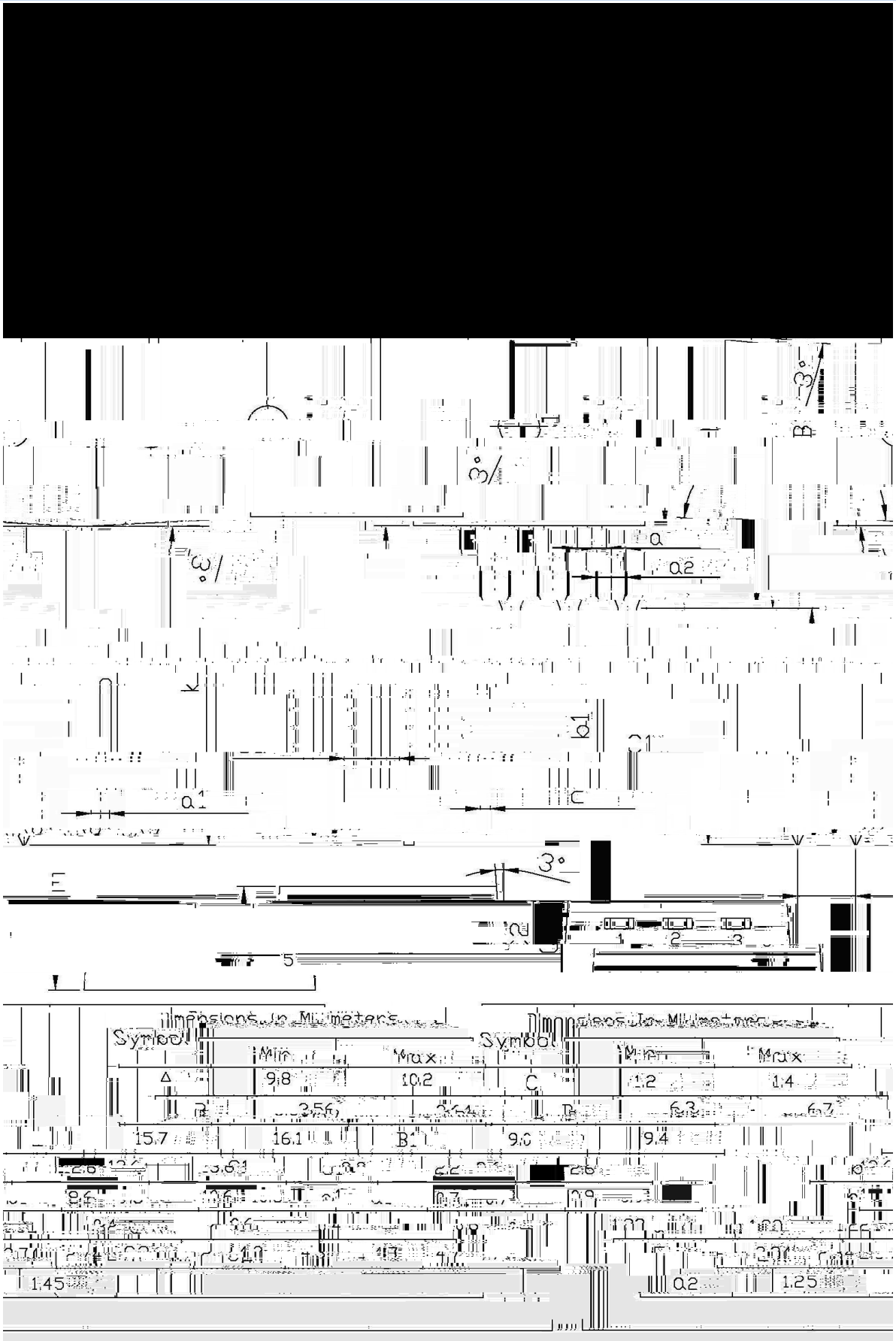




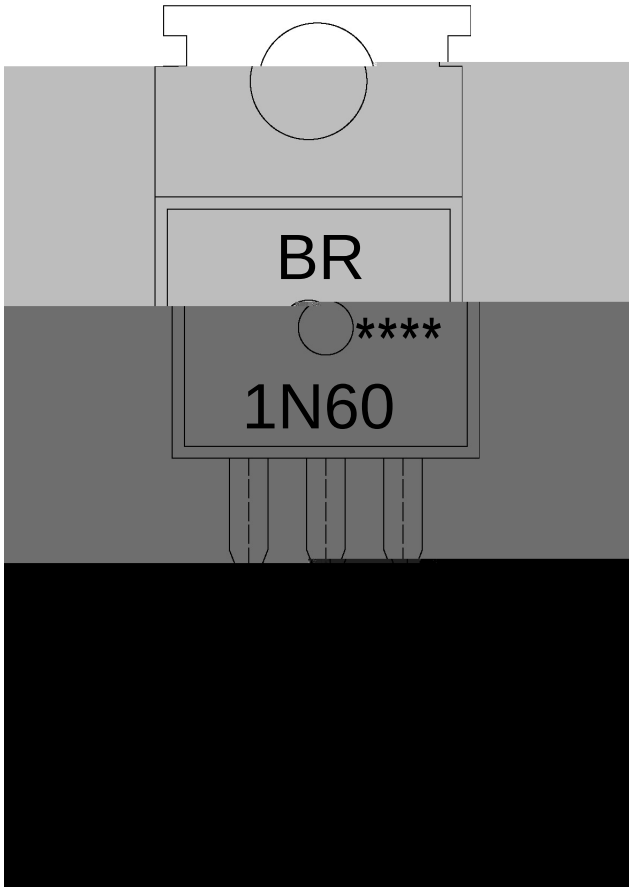




/ Package Dimensions



/ Marking Instructions



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BR χ	ᵻᵿ ϛ ᴺ Ꮁ
1N60 χ	ᵻᵿ ȝ ᴺ Ꮁ
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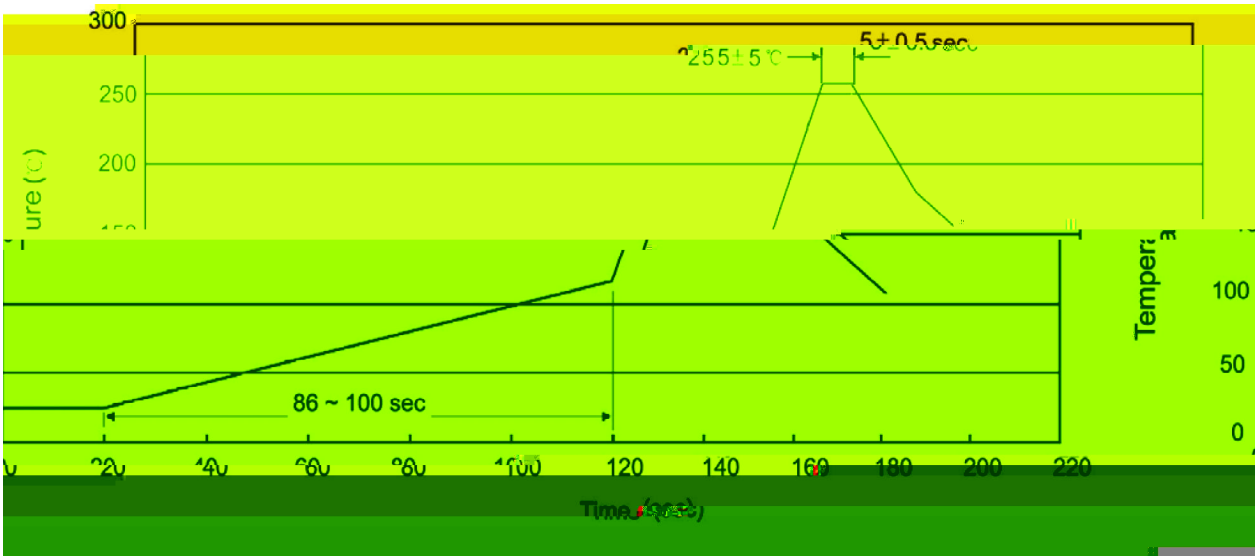
Note:

BR:	Company Code
1N60:	Product Type.
****:	Lot No. Code, code change with Lot No.

( ) / Temperature Profile for Dip Soldering(Pb-Free)



ب ˝ χ

1 Ĺ ♬ □ ỷ 25 Ḱ 150 ł ı ˋH ڑ 60 Ḱ 90sec;

2 Š Ë □ ỷ 255 ° 5 ł ı ˋH ڑ ˋY ﾊ ㎞ 5 ° 0.5sec;

3 ì ˙ ﾘ ˛ ɔ ﻉ ỷ ㎞ 2 Ḱ 10 ł /sec.

Note:

1.Preheating:25~150 ł , Time:60~90sec.

2.Peak Temp.:255 ° 5 ł , Duration:5 ° 0.5sec.

3. Cooling Speed: 2~10 ł /sec.

/ Resistance to Soldering Heat Test Conditions

□ ỷ χ 270 ° 5 ł	ˋH ڑ χ 10 ° 1 sec.	Temp.:270±5