/ Descriptions

TO-220 N

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

/ Features

V_{DS}=80V I_D=155A

$R_{DS(on)}$@10V 4.5m (Type.3.8m)

$R_{DS(on)}$@6V 9.0m (Type.5.3m)

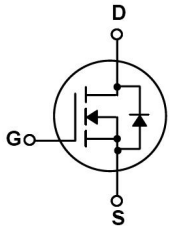
HF Product.

/ Applications

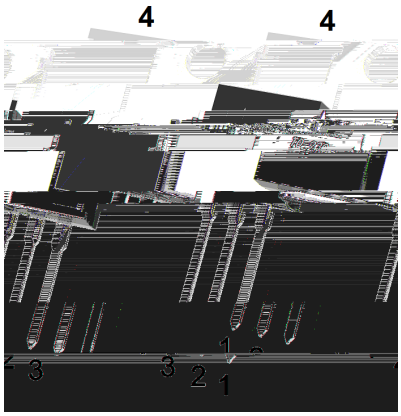
LED

Boost converters and synchronous rectifiers for consumer, telecom, industrial power supplies and LED backlighting.

/ Equivalent Circuit



/ Pinning

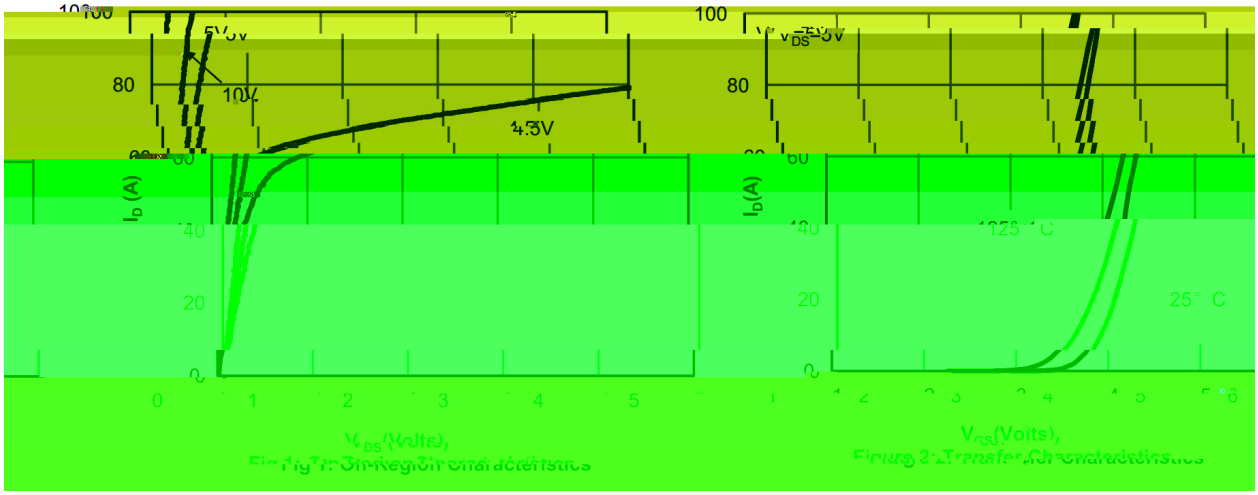


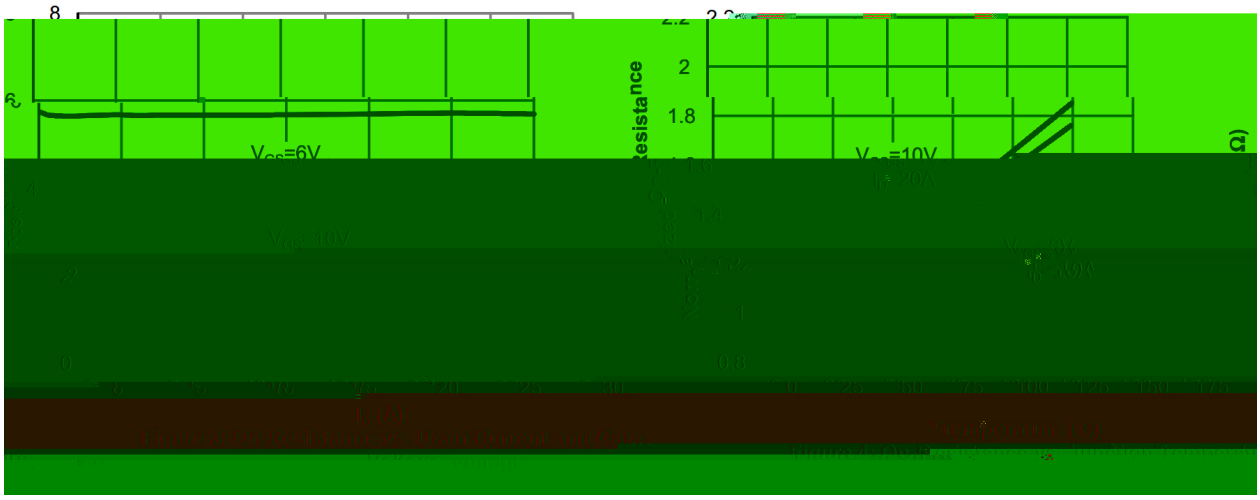
PIN1 G PIN 2 4 D PIN 3 S

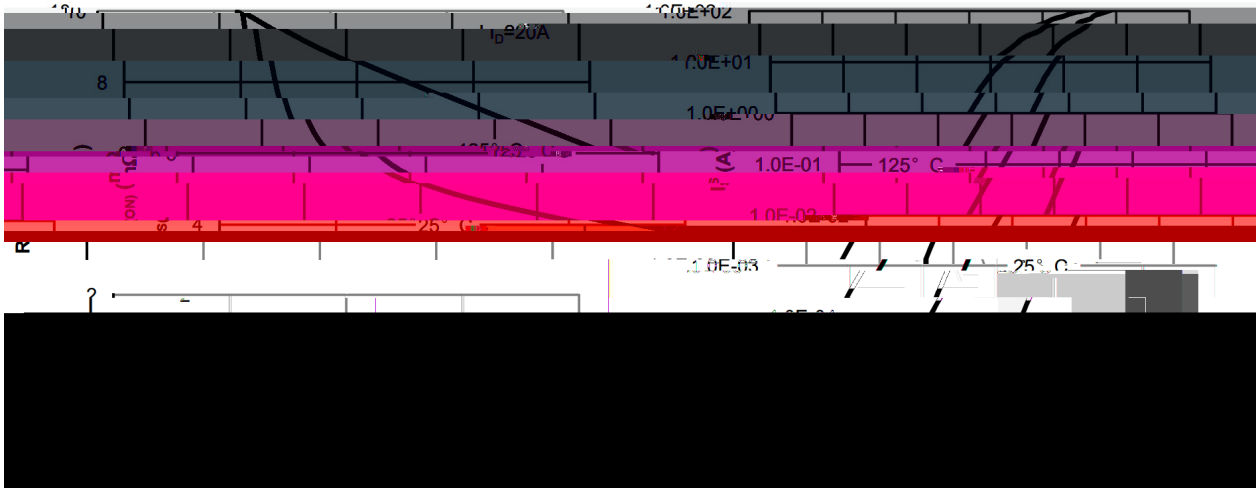
/ Marking

See Marking Instructions.

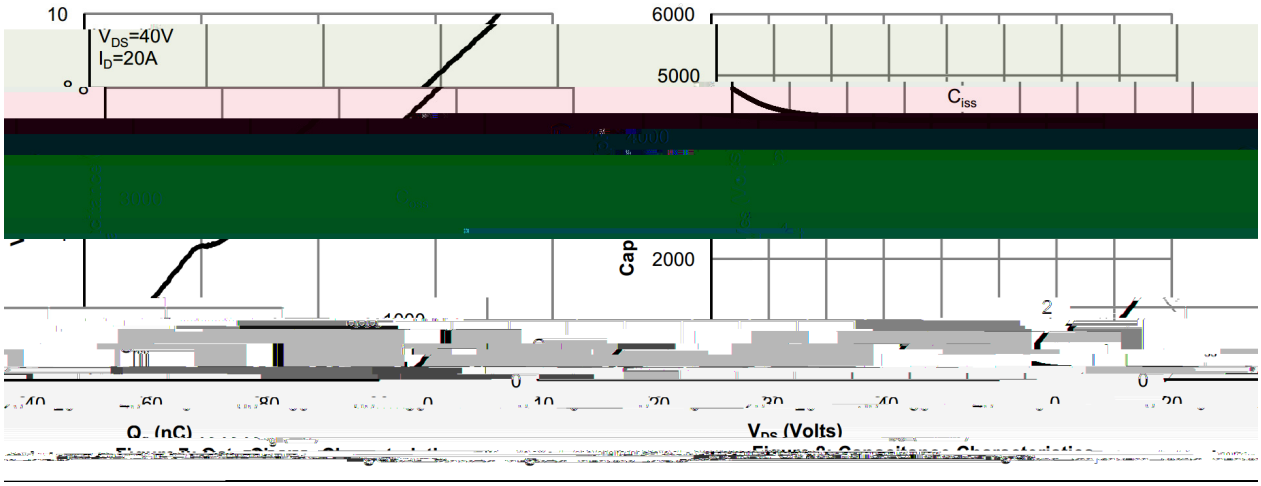
/ Electrical Characteristic Curve

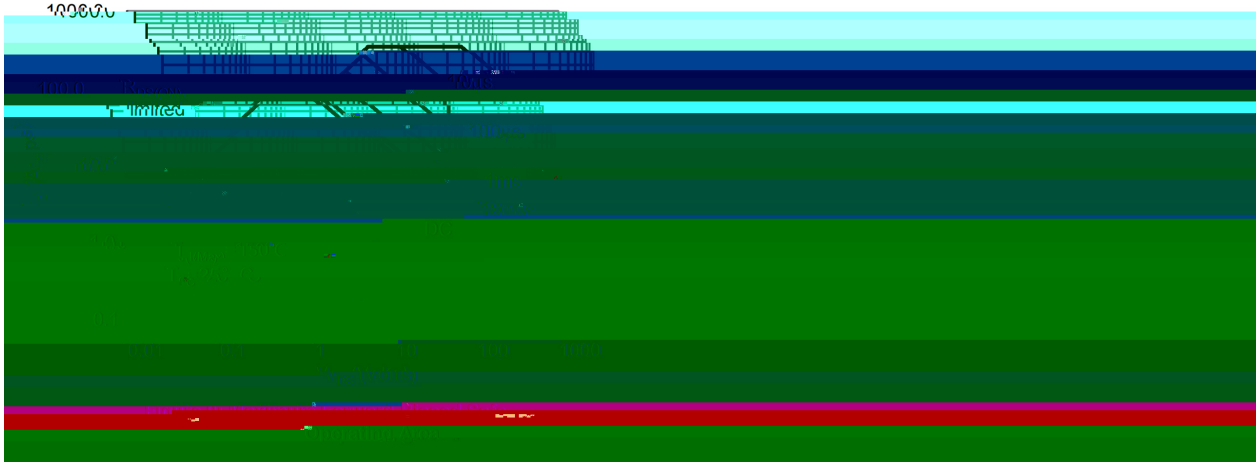


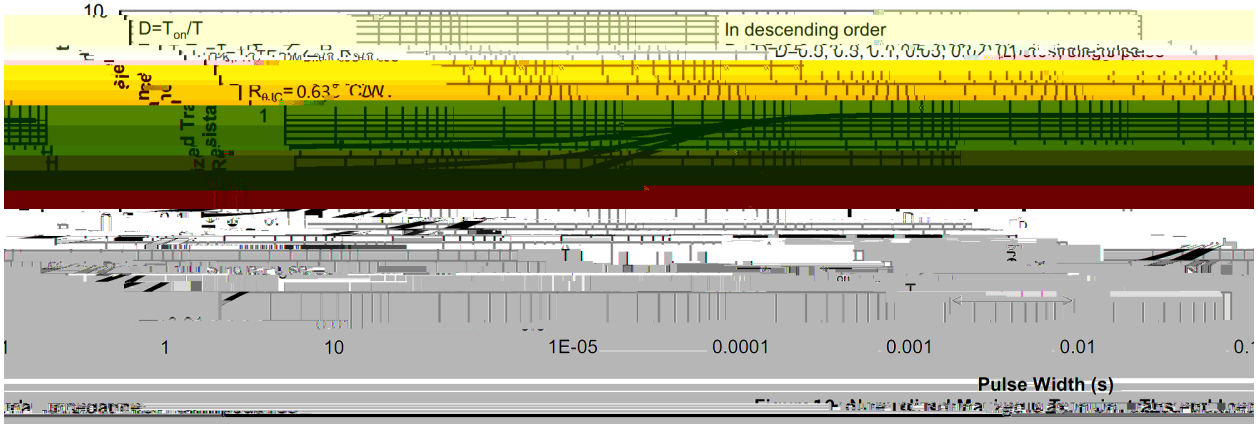




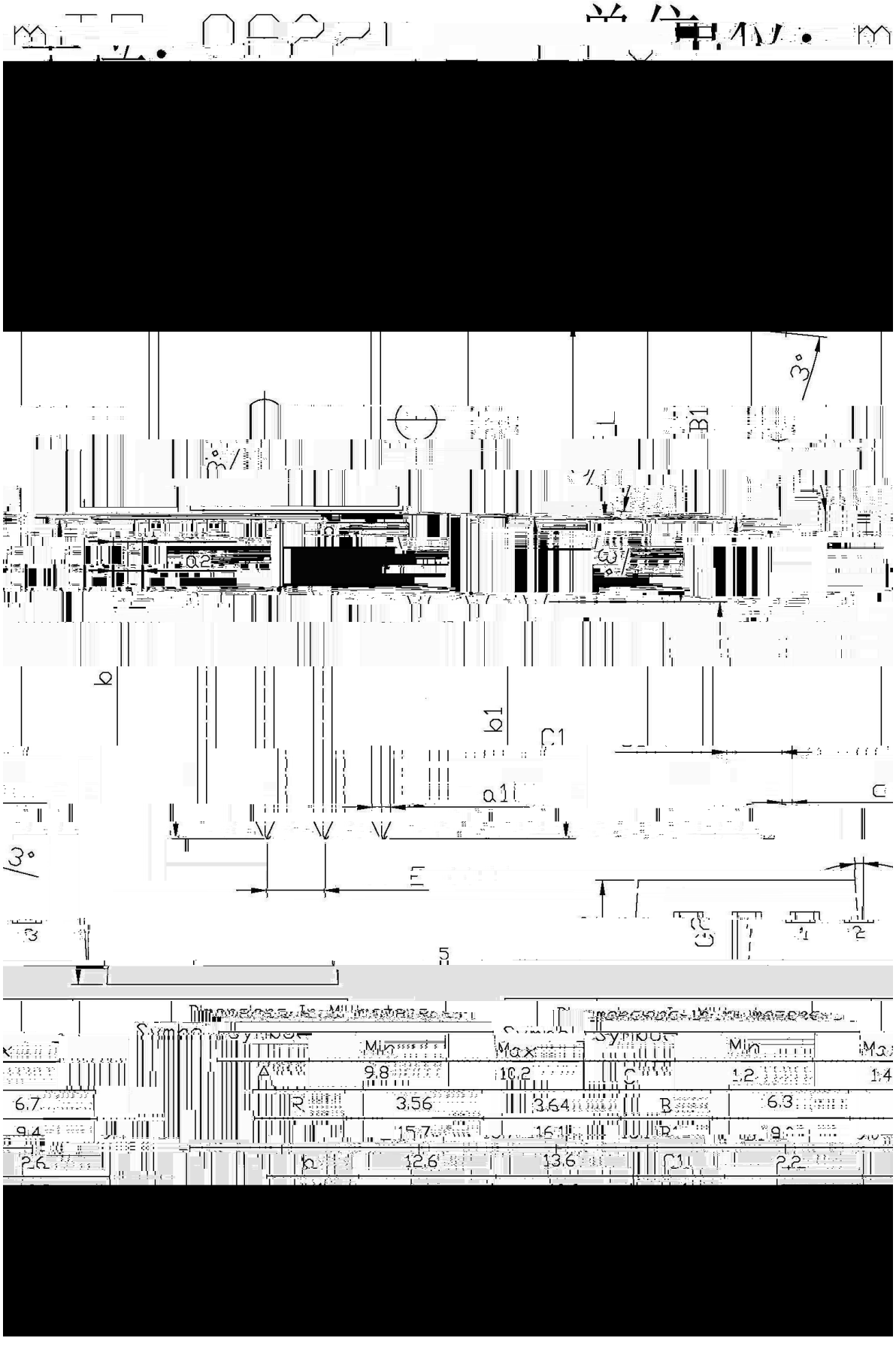
/ Electrical Characteristic Curve



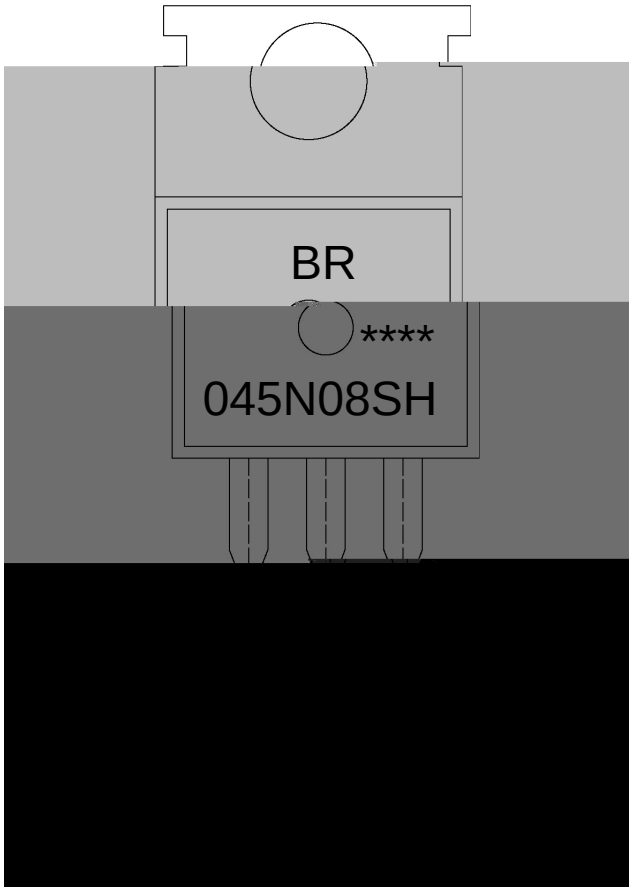




/ Package Dimensions



/ Marking Instructions



BR

045N08SH

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Note:

BR:	Company Code
045N08SH:	Product Type Code
****:	Lot No. Code, code change with Lot No

BRCS045N08SHRA