

/ 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)

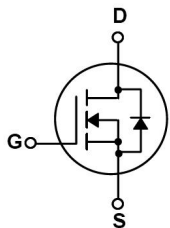
HF Product.

/ Applications

LED

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

/ Equivalent Circuit



/ Pinning



PIN1 G

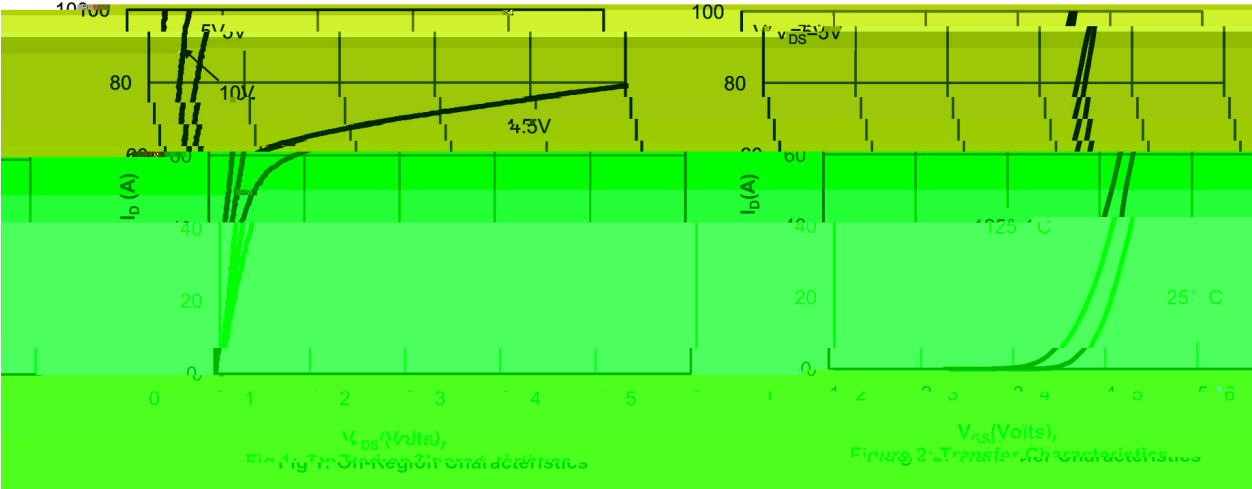
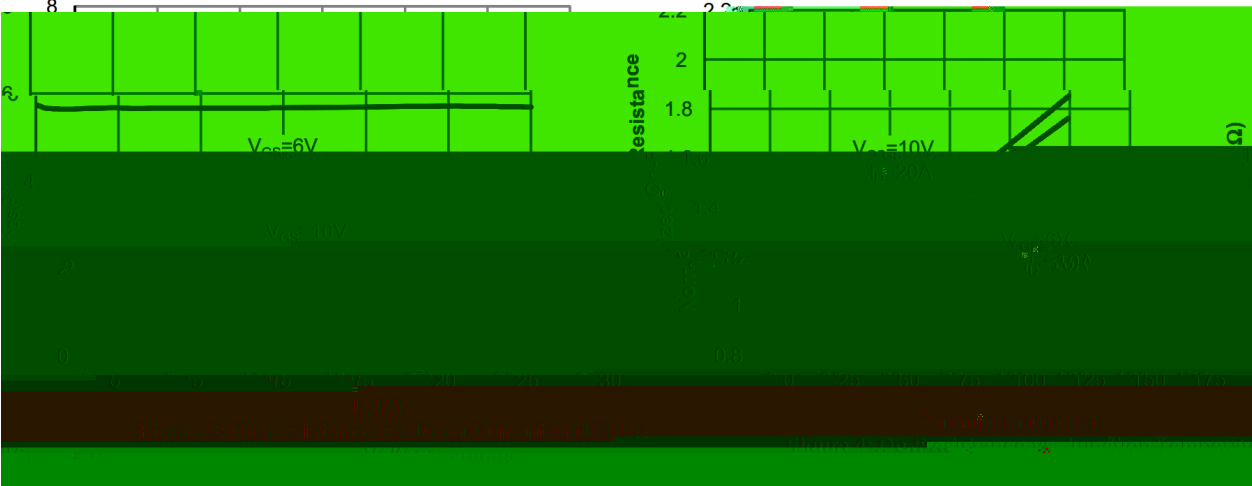
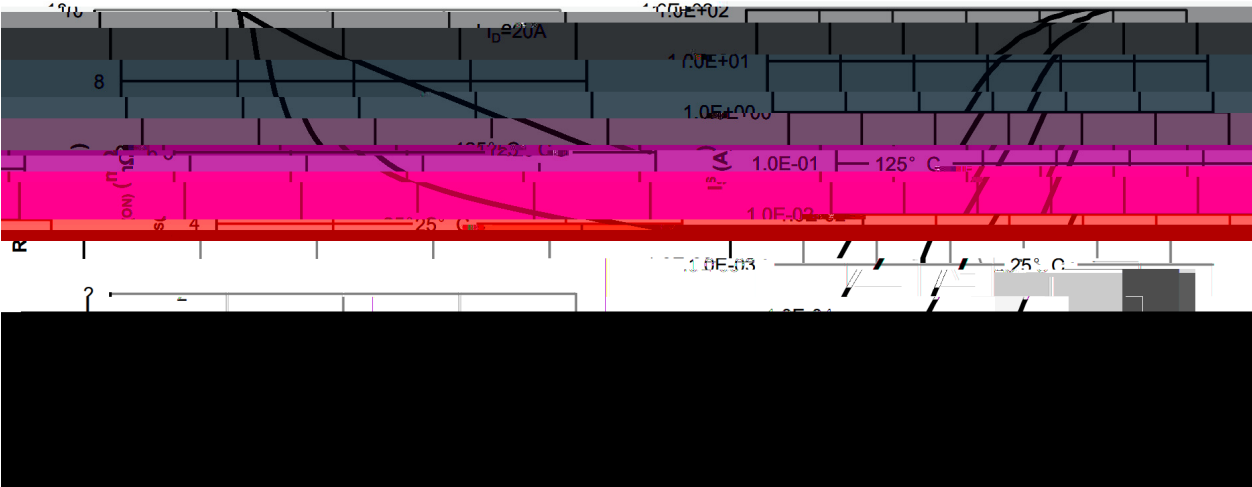
PIN 2 4 D

PIN 3 S

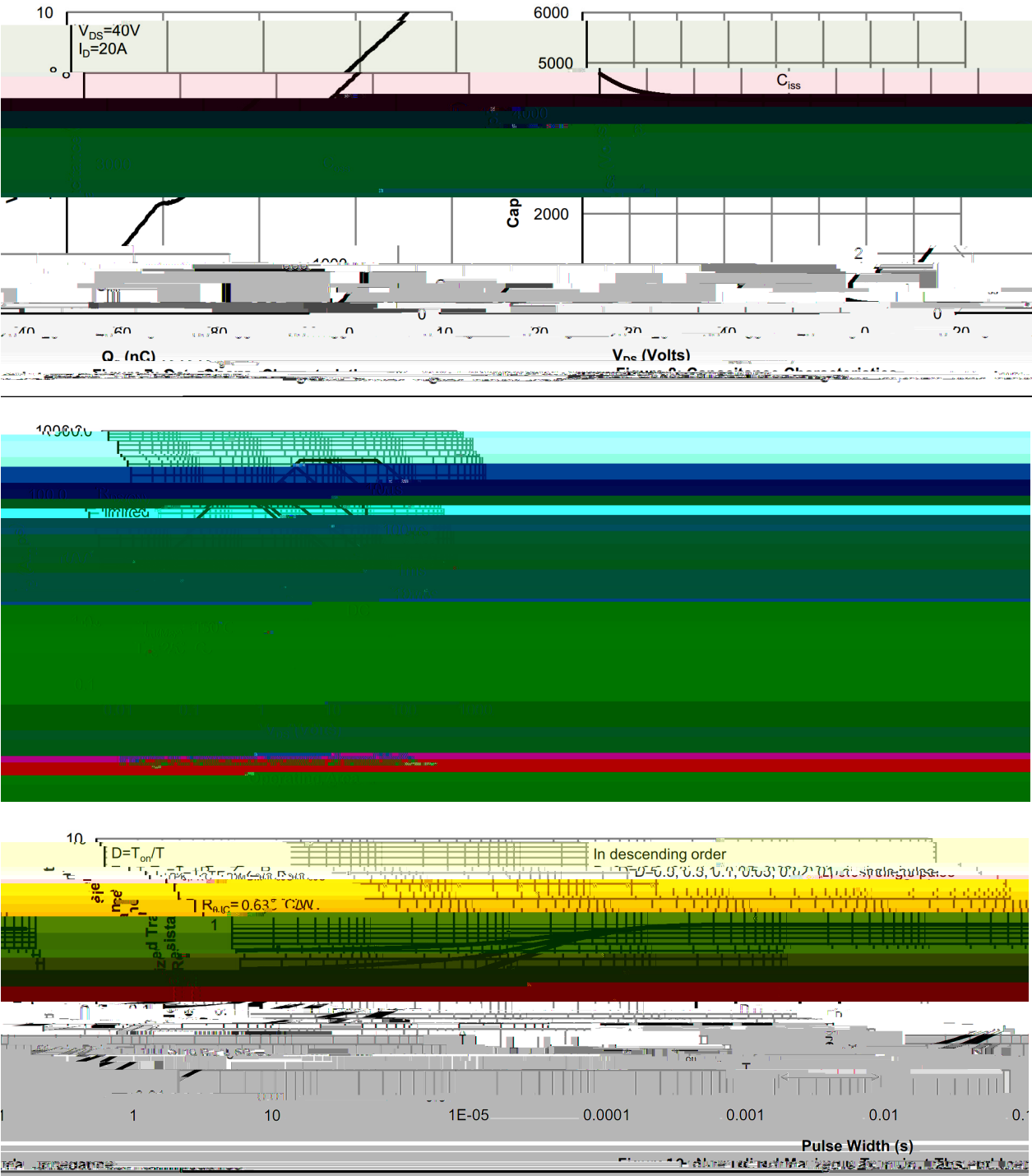
/ Marking

See Marking Instructions.

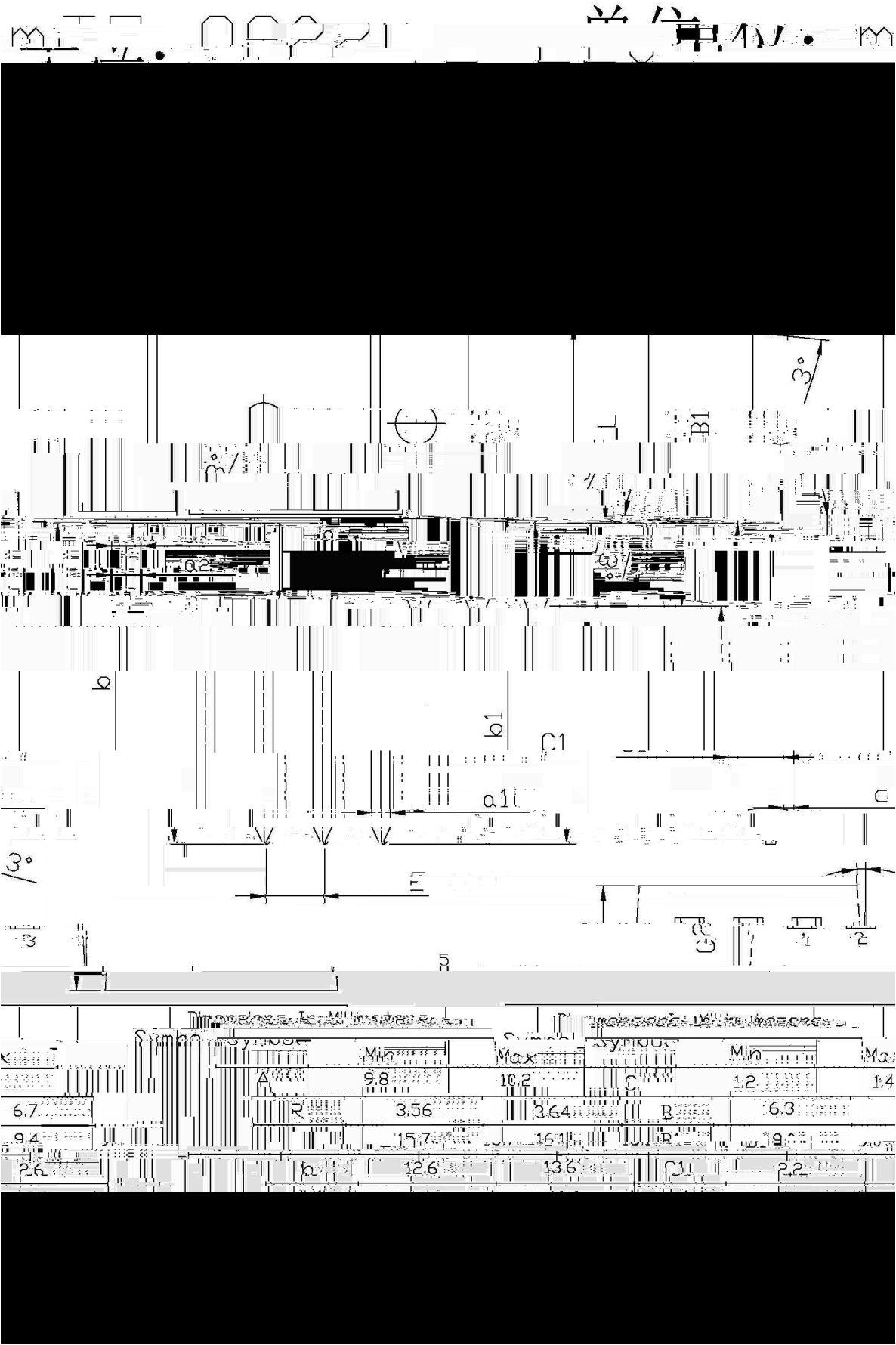
Electrical Characteristic Curve



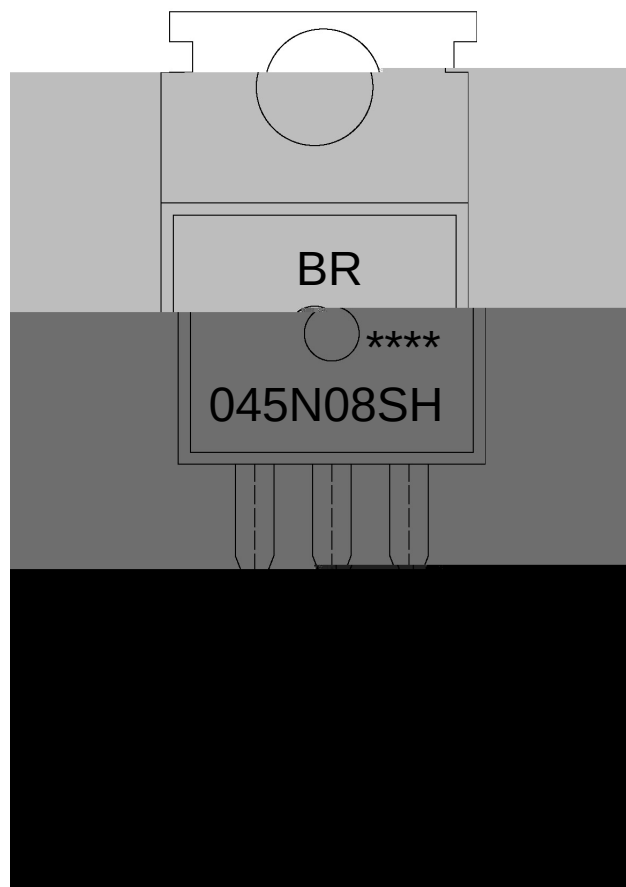
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



BR

045N08SH

Note:

BR: Company Code

045N08SH: Product Type Code

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

BRCS045N08SHRA