

5 é / Descriptions

TO-252 .> // x N ?ú 3 650V Ý È W + ä « | • 'ož

N-CHANNEL 650V Super-Junction Power MOSFET in a TO-252 Plastic Package.

□ ª / Features

8*9 U 4 k y > z k) x y 4 k • ¼ , † ½ k —)í D }ož

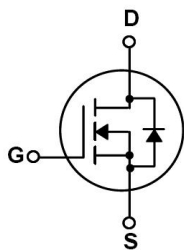
Low $R_{DS(on)}$, low gate charge, low C_{rss} , fast switching, HF Product.

Đ ÷ / Applications

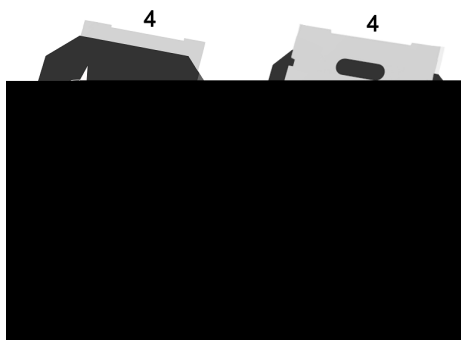
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Suited for low voltage applications such as automotive, DC/DC Converters, and high efficiency switching for power management in portable and battery operated products.

Ã W] Ô • / Equivalent Circuit



• Ů - æ / Pinning



PIN1 y G

PIN 2 y D

PIN 3 y S

PIN 4 y D

, M V / Marking

• - ~ ª ¢ o ž

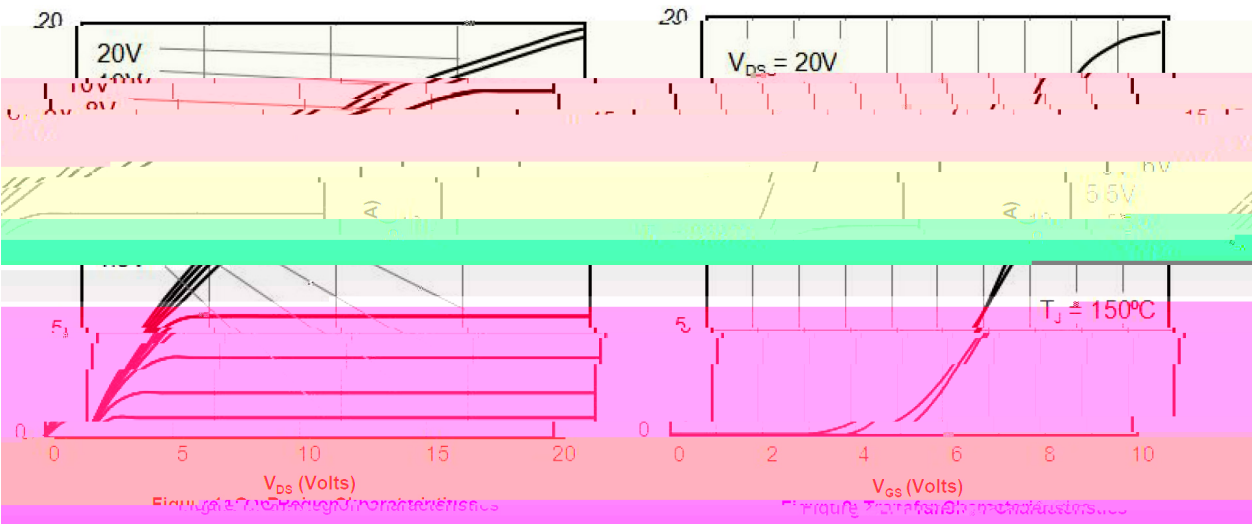
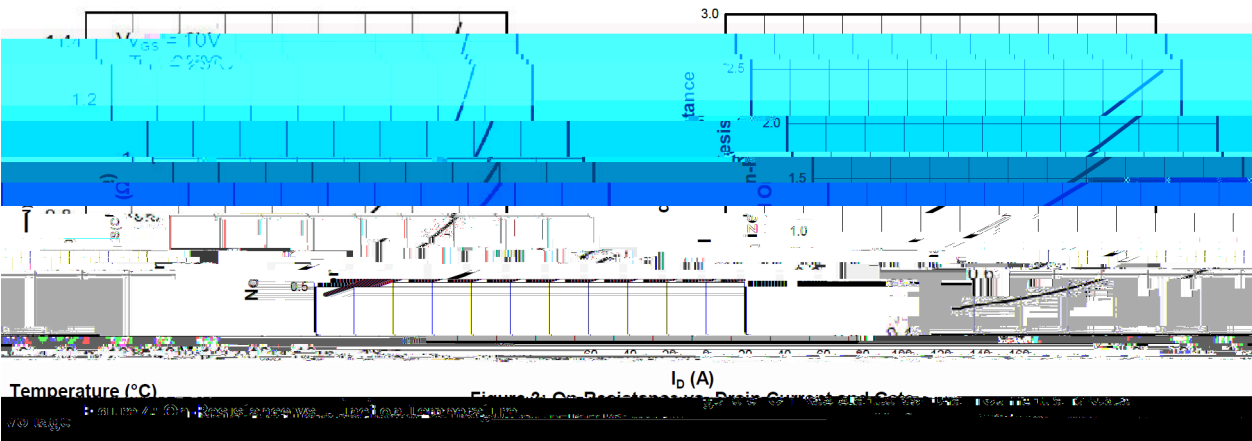
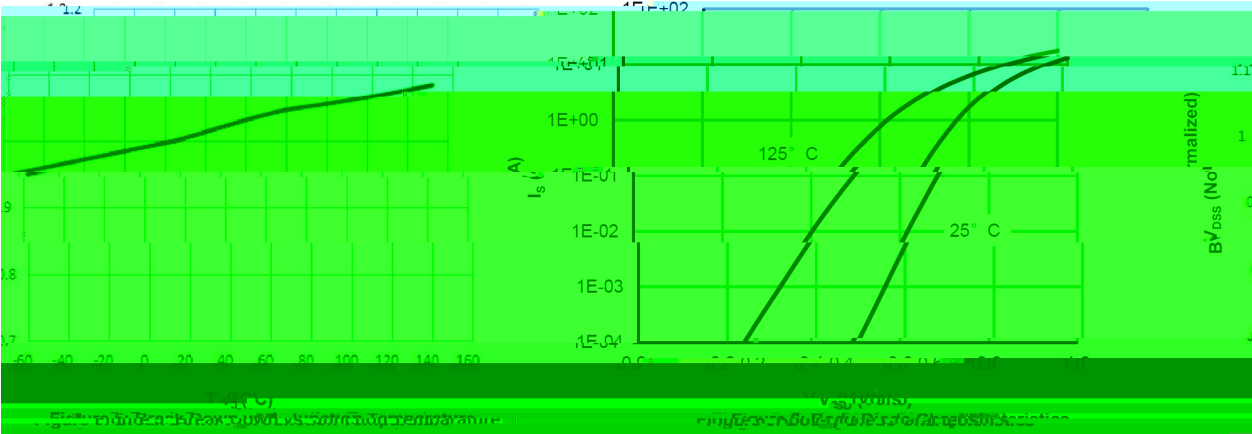
See Marking Instructions.

@ f
Parameter

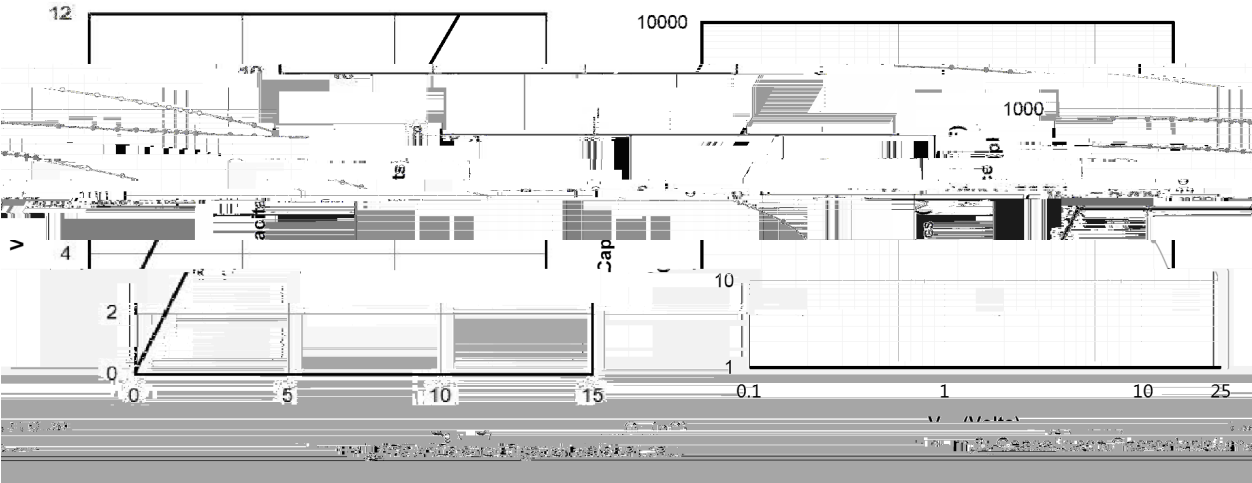
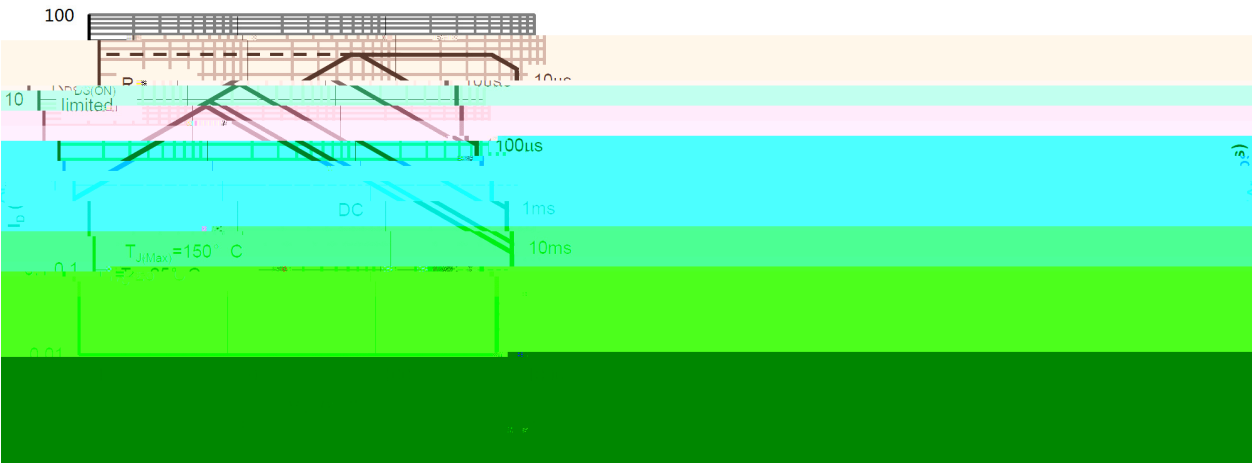
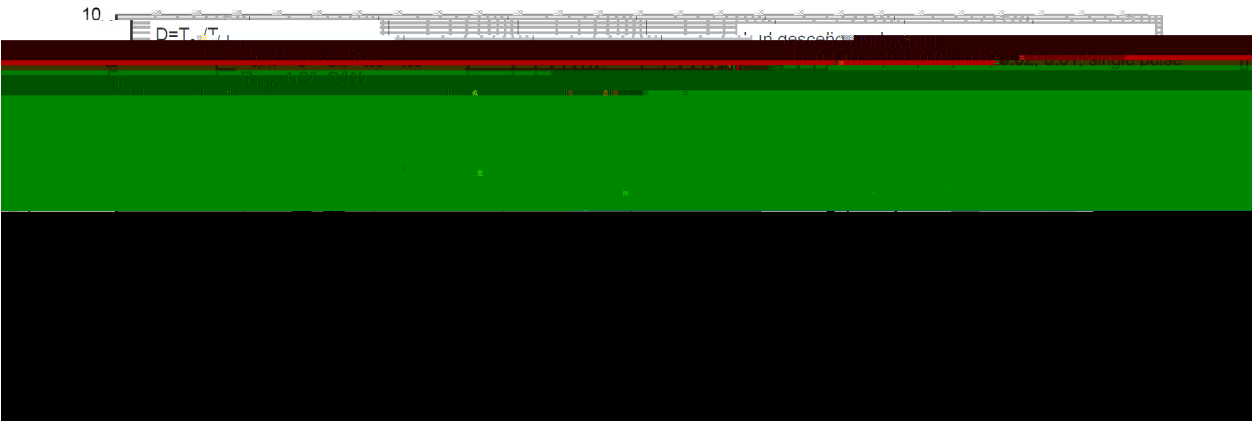
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Symbol

$f >$

Electrical Characteristic Curve

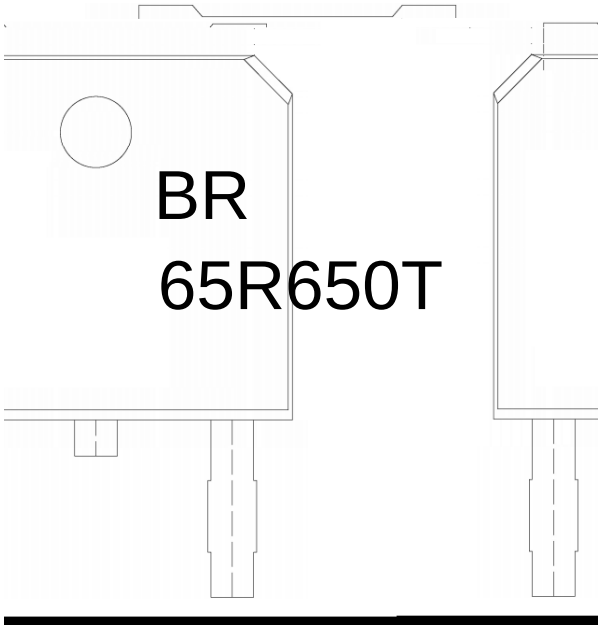


Electrical Characteristic Curve



BRD65R650T

, M y f / Marking Instructions



^a ¢ y
BR y , [W A
8 : y ° Z W A
y ŷ D Z W A k š ŷ D Z J

Note:
BR: Company Code
65R650T: Product Type Code
****: Lot No. Code, code change with Lot No

BRD65R650T