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 Y4 k • ¼ , † ½ k —)í D }ož

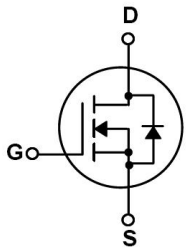
Low $R_{DS(on)}$,low gate charge, low C_{rss}, fast switching, HF Product.

Đ ÷ / Applications

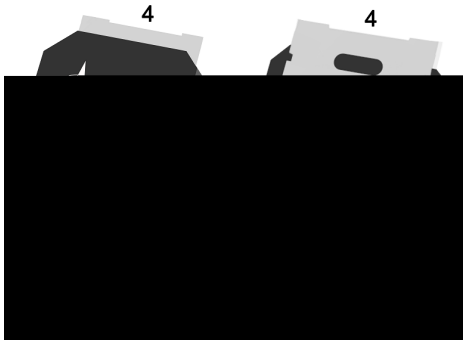
9 z 9 è ò y V ñ èo• *) *) ô Eo• Ž ` ” D } › ä | ô Eož

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



• Û - æ / Pinning



PIN1 y G PIN 2 y D PIN 3 y S PIN 4 y D

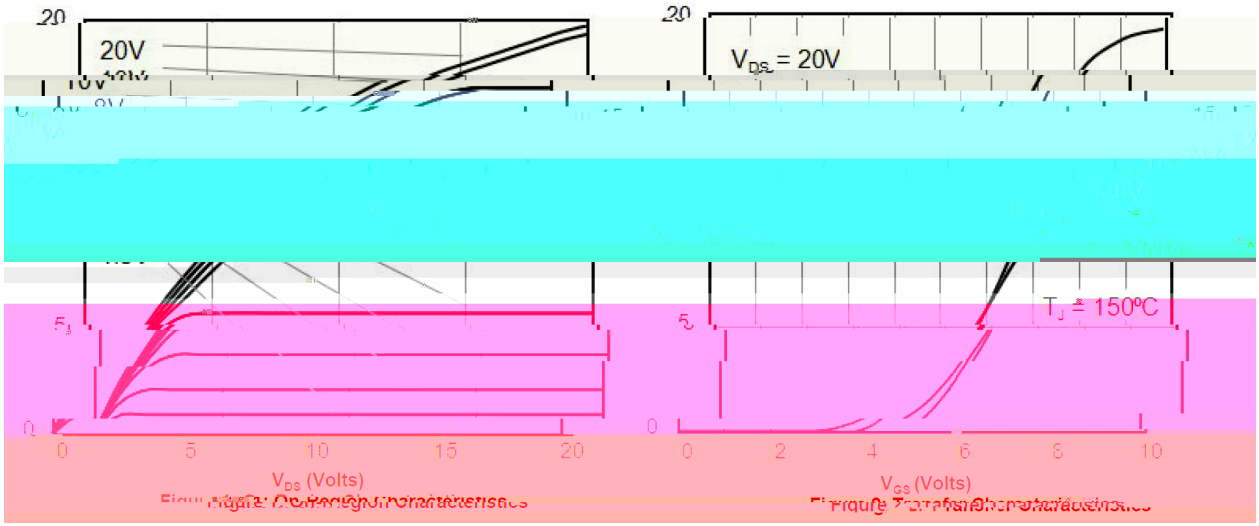
, M V / Marking

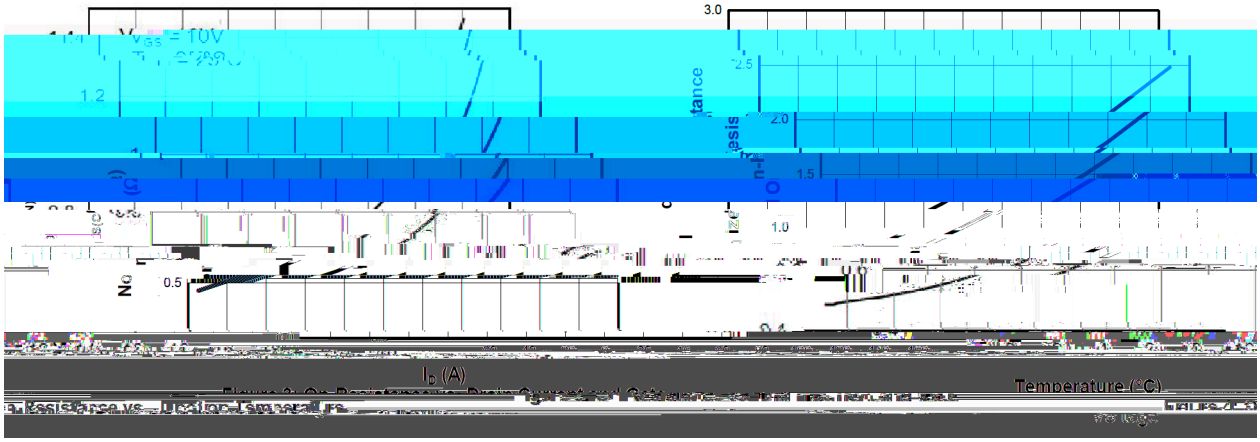
• - ~ ª ¢ož

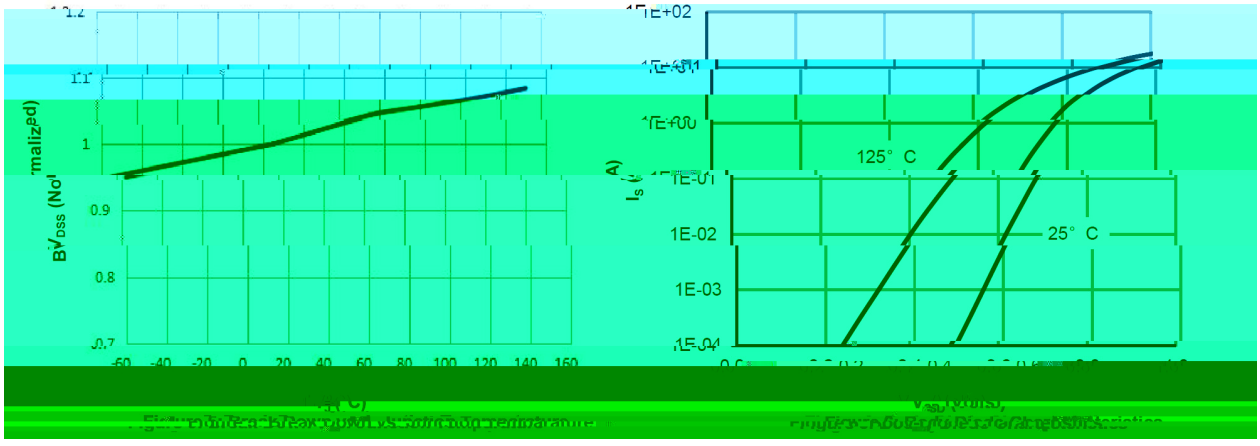
See Marking Instructions.

@ *f*	… Z	*f* ›
Parameter	Symbol	

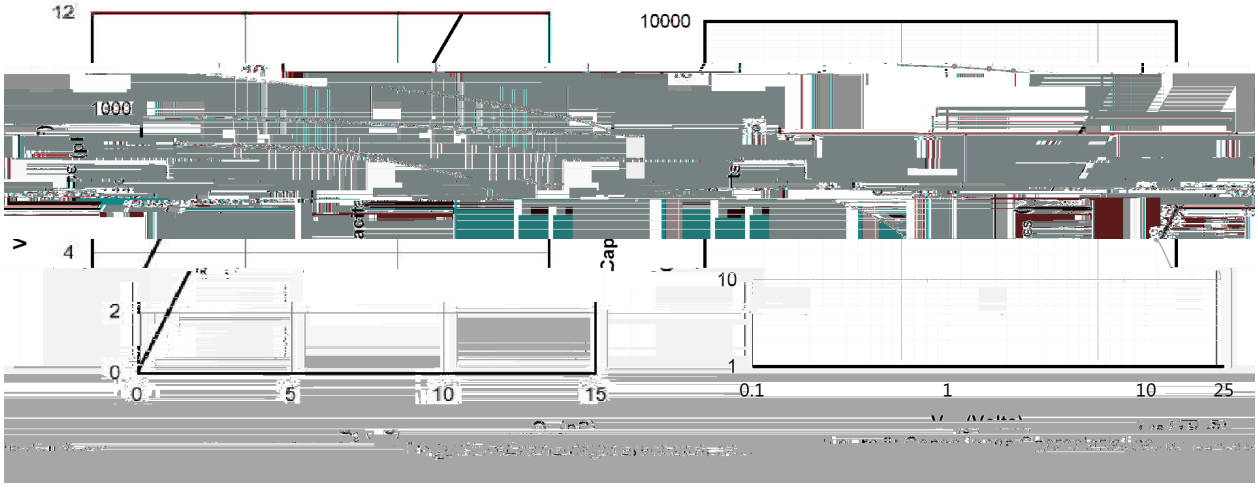
Ô ? d • Ž ¢ / Electrical Characteristic Curve

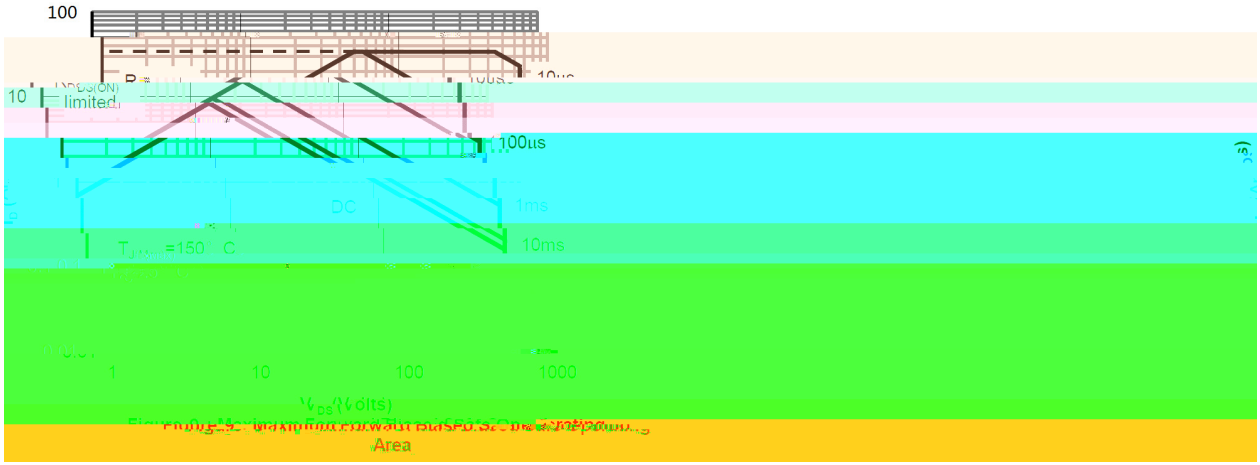


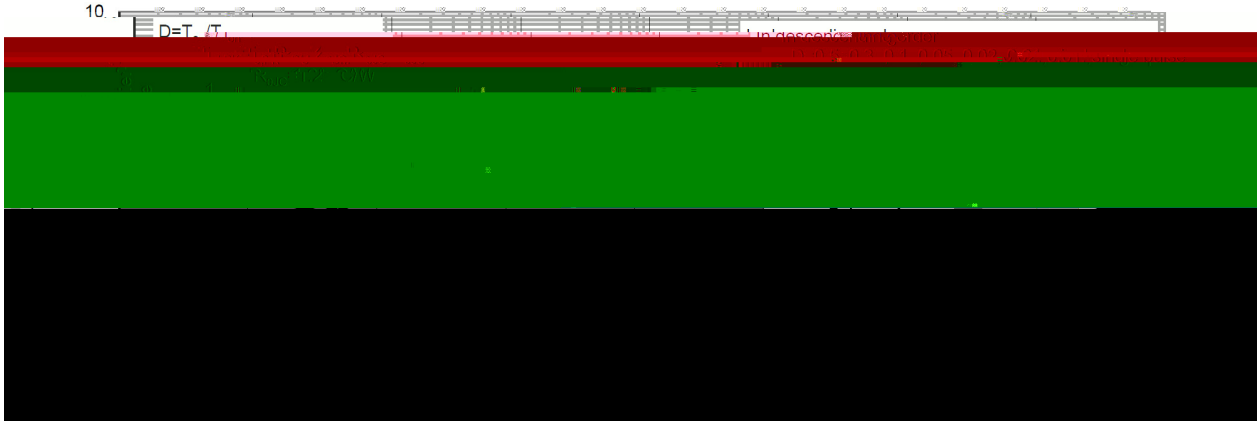




Ô ? d • Ž ¢ / Electrical Characteristic Curve

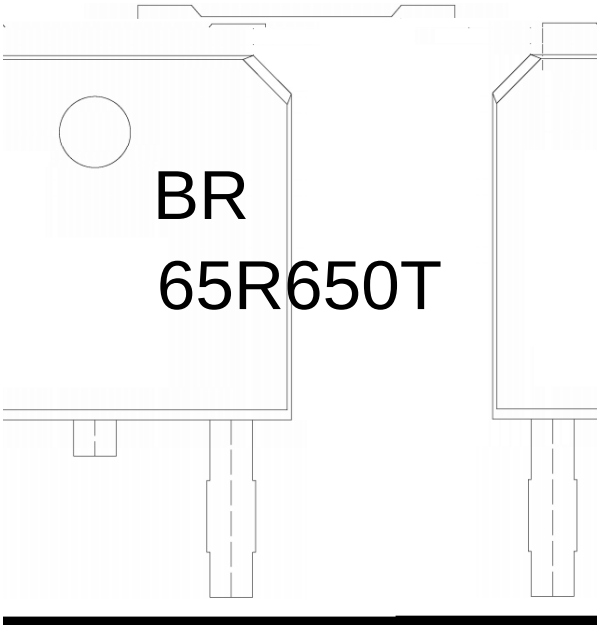






BRD65R650T

, M y ƒ / Marking Instructions



ª ¢ y

BR y ¸ [W A

8 : y º Z W A

y ÿ D Z W A k š ÿ D Z J

Note:

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

BRD65R650T