

# BRSC65R380ZFA

Rev.A Apr.-2026

## 5 é / Descriptions

: 5 , .> // x 9 O ) N ?ú 3 MOS « | • 'ož  
SIC N-CHANNEL MOSFET in TO-220F Plastic Package.

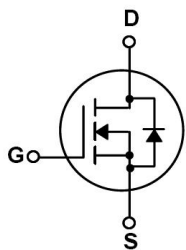
## α<sup>a</sup> / Features

$V_{DS}=650V$  z  $I_D=11A$   
 $R_{DS(on)}@15V$  "500m (Type.380m )

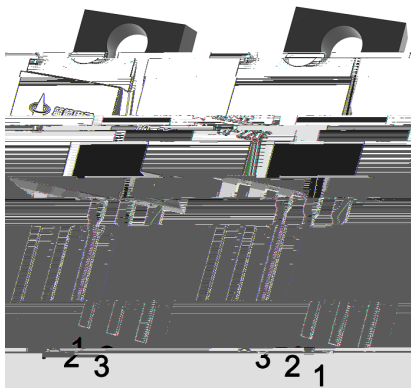
## Đ ÷ / Applications

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Switch Mode Power Supplies, High Voltage DC/DC Converters, Battery Chargers, Motor Drives, Pulsed Power Applications.

## Ã W ] Ô . / Equivalent Circuit



## • Ů - æ / Pinning



PIN 1 y G

PIN 2 y D

PIN 3 y S

## , M V / Marking

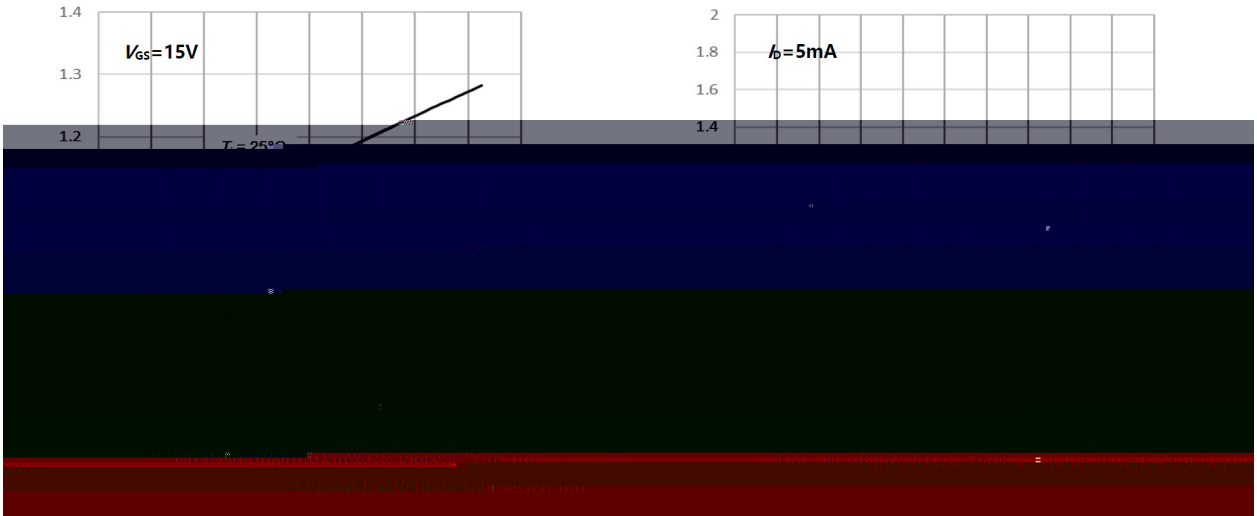
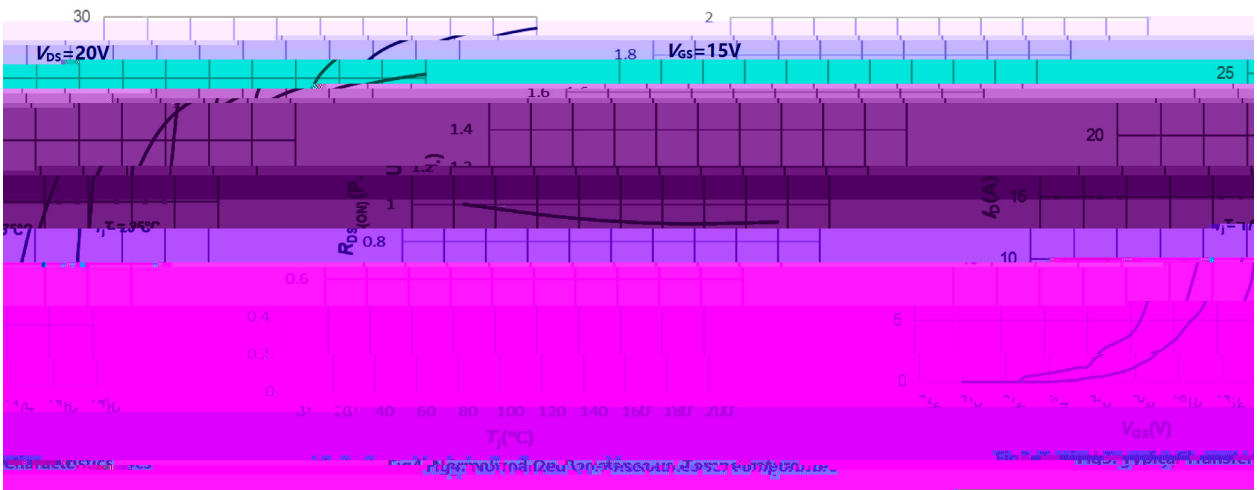
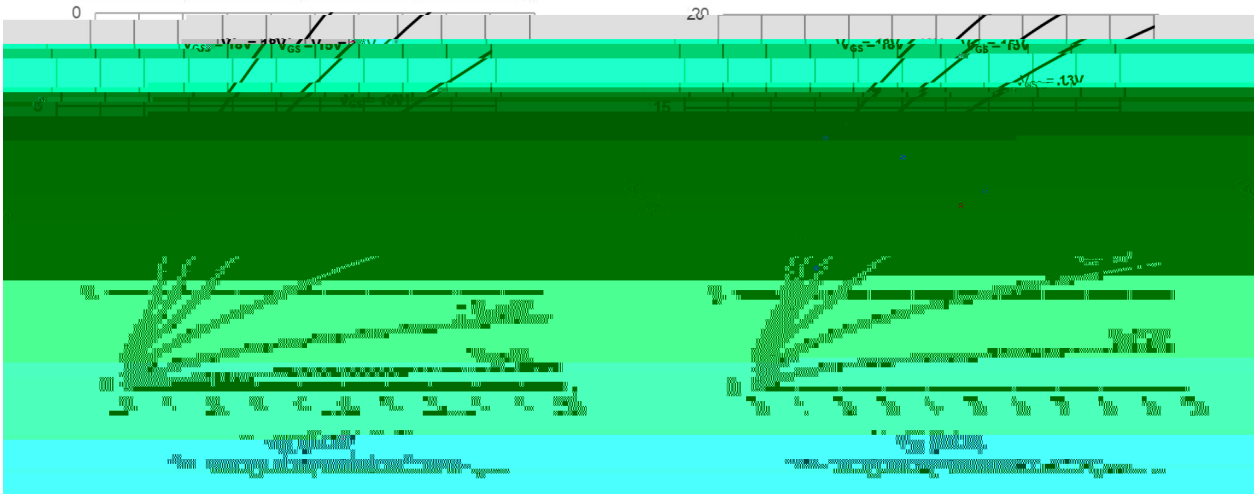
• - ~<sup>a</sup> ϕož

See Marking Instructions.

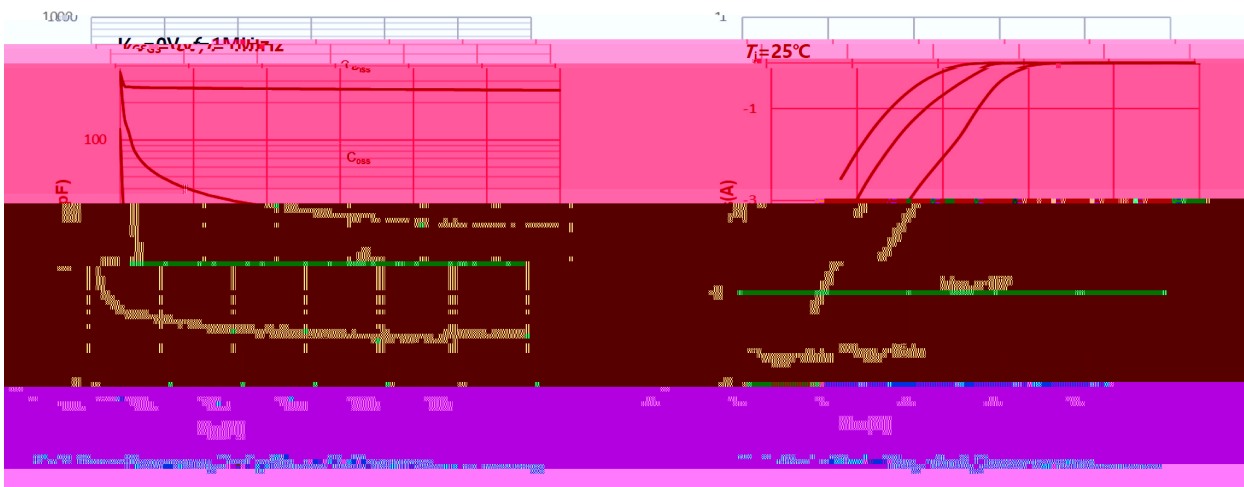


@  $f$   
Parameter

Electrical Characteristic Curve

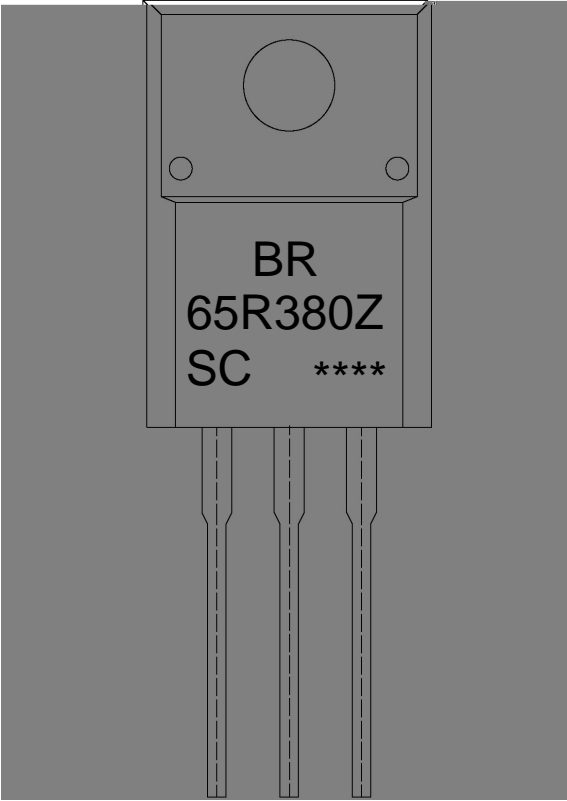


Electrical Characteristic Curve





, M y f / Marking Instructions



BR y [ W A  
65R380Z y ° Z W A  
9 ) y K J´  
y ÿ D Z W A k š ÿ D Z J

Note:  
BR: Company Code  
65R380Z: Product Type Code  
SC: SiC  
\*\*\*\*: Lot No. Code, code change with Lot No.

G PD t ... • Ž φ ( x / ) / Temperature Profile for Dip Soldering(Pb-Free)


<sup>a</sup> φ y

1o• Ä ½ “ † 25 ½150 - k ž • 60 ½90sec;

2o• Q › “ † 255 r5 - k ž • 4 Ò 5 r0.5sec;

3o•D N ò i Ò 0 , † 2 ½10 -

Note:

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

2.Peak Temp.:255 r5 - , Duration:5 r0.5sec.