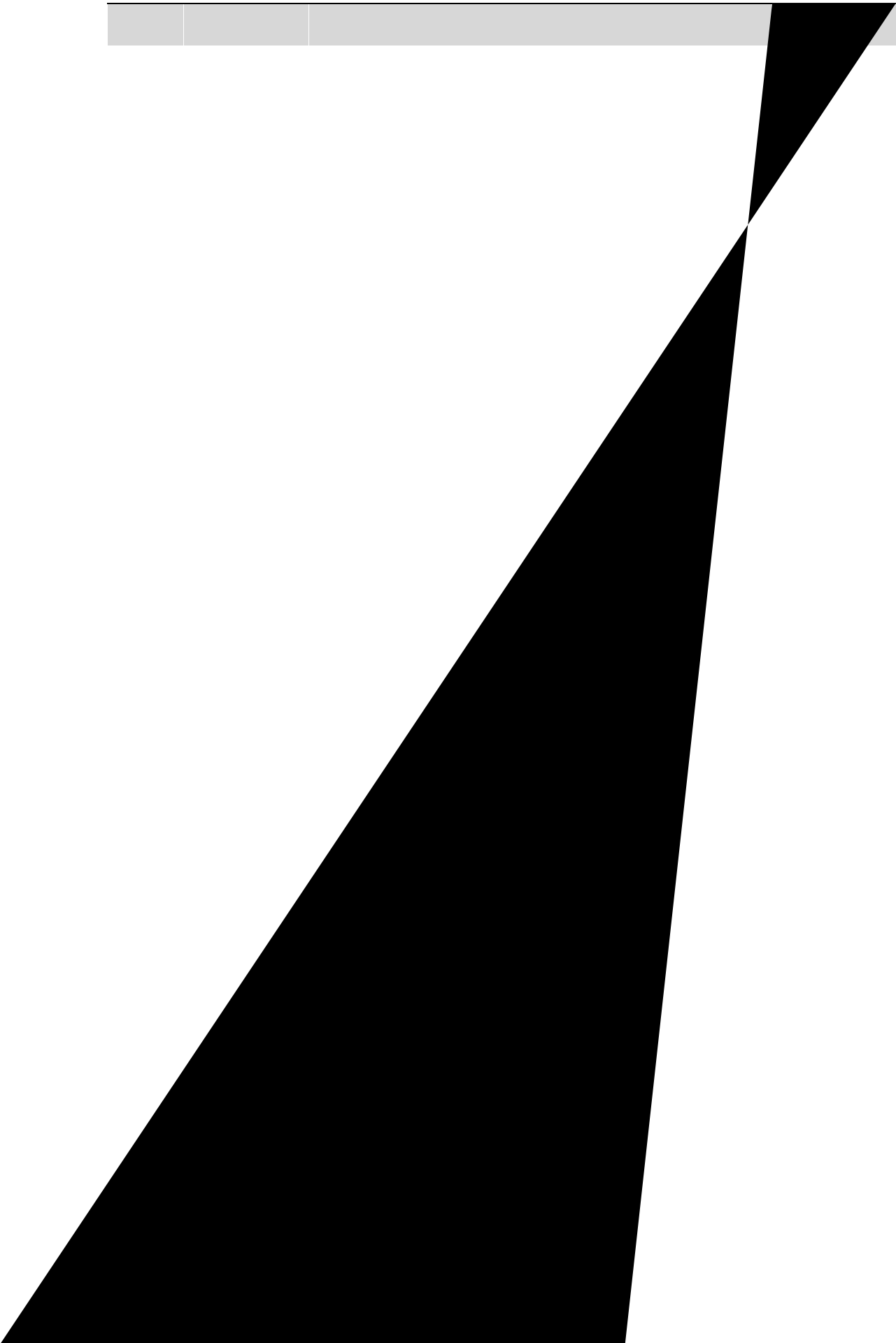
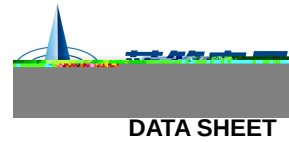


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BRCS030N03ZCQ

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PDFN5×6 N
N-Channel MOSFET in a PDFN5×6 Plastic Package.

AEC-Q101

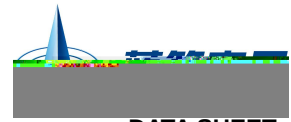
Low $R_{DS(ON)}$ to minimize conductive loss; low Gate Charge for fast switching; Low Thermal resistance;
Qualified to AEC-Q101 Standards for High Reliability; HF Product.

MB/NB/UMPC/VGA

Buck

BRCS030N03ZCQ

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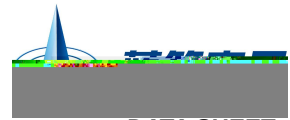


DATA SHEET

Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V_{DS}	30	V

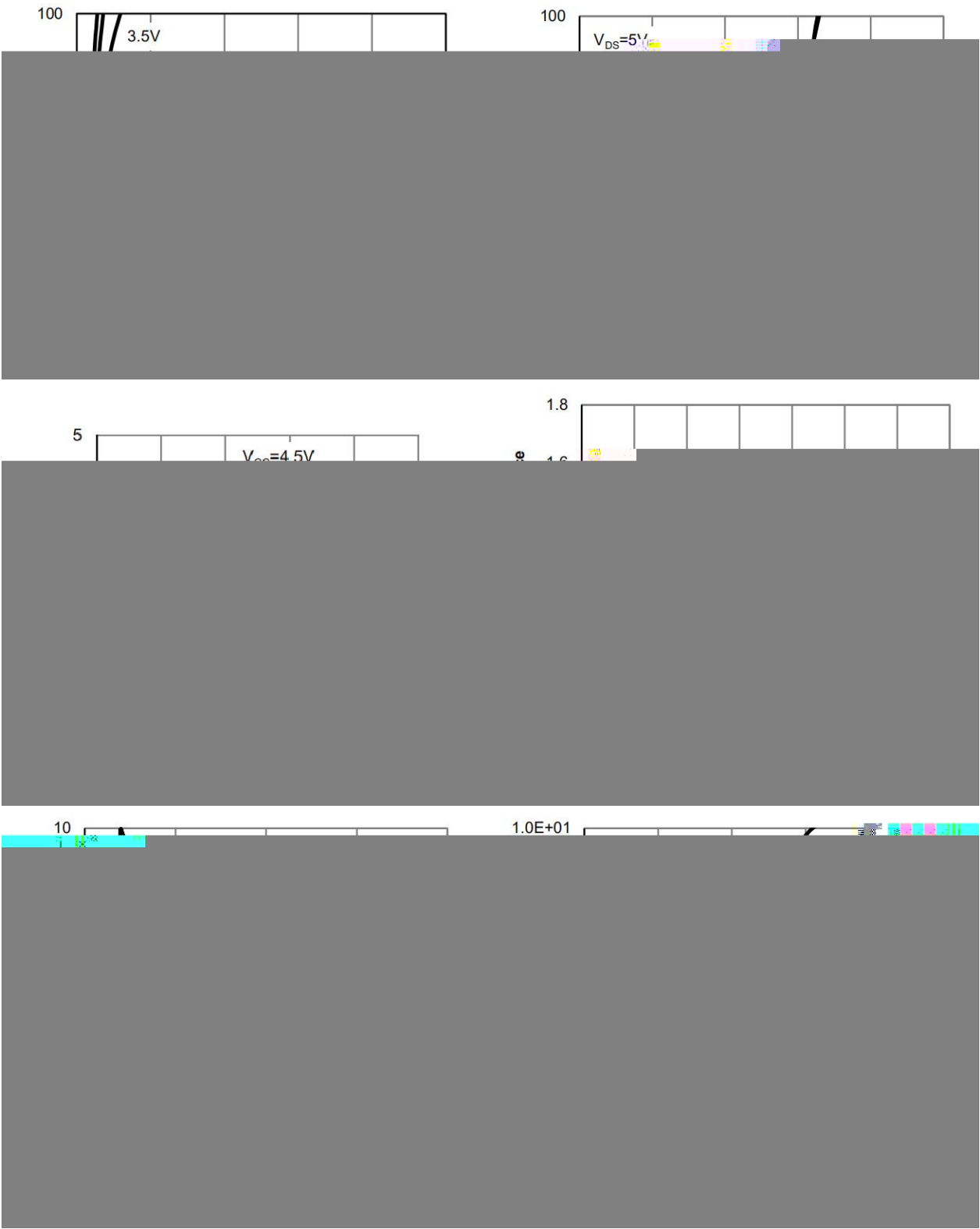
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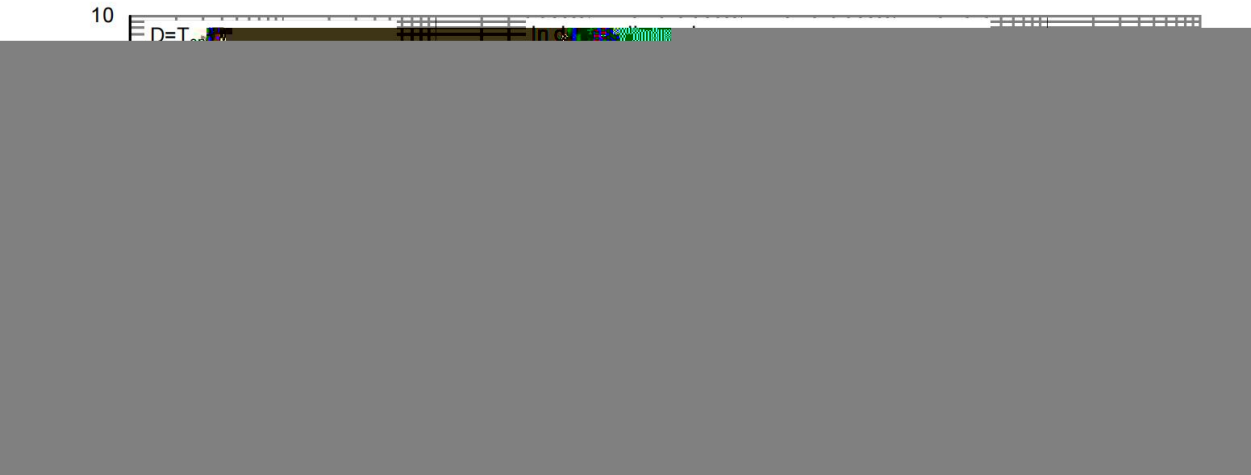
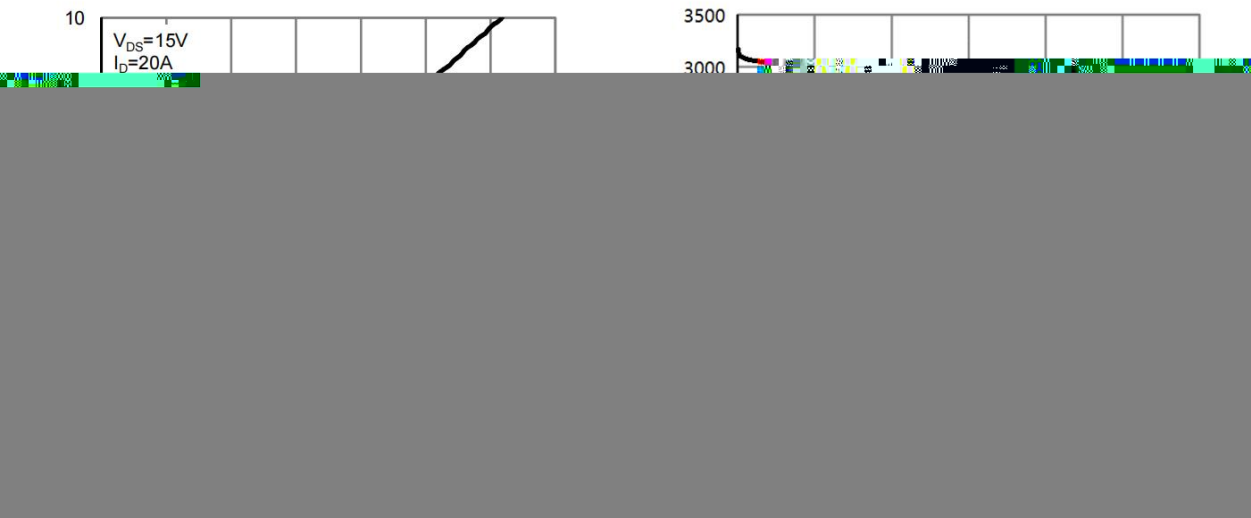


DATA SHEET

/ Electrical Characteristic Curve



/ Electrical Characteristic Curve

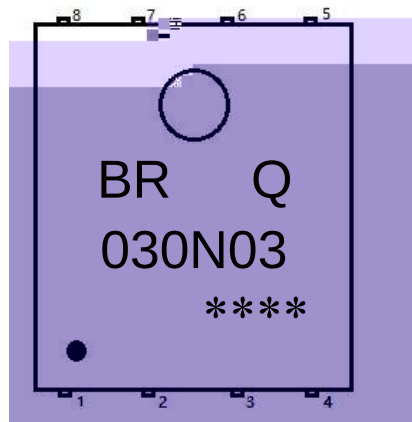


/ Package Dimensions



Rev 00, 201912

/ Marking Instructions



BR

Q

030N03

Note

BR

Company Code

Q:

Automobile halogen-free product Code

030N03

Product Type

****:

Lot No. Code, code change with Lot No

() / Temperature Profile for IR Reflow Soldering(Pb-Free)

Note:

- | | | | |
|---|------------|---------------|---|
| 1 | 150 200 | 60 120sec; | 1.Preheating:150~200℃, Time:60~120sec. |
| 2 | 255±5 | 5±0.5sec; | 2.Peak Temp.:255±5℃, Duration:5±0.5sec. |
| 3 | | | |