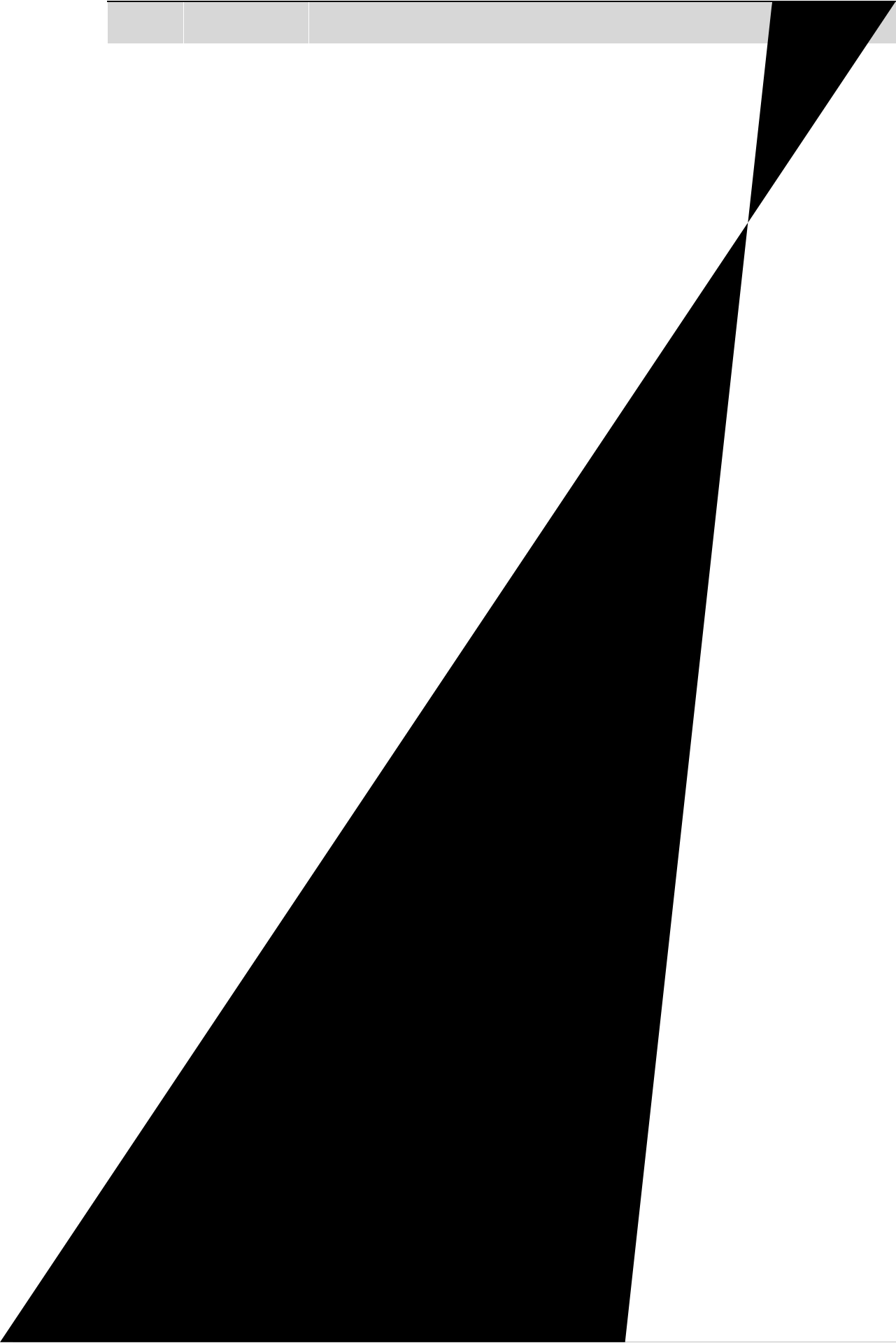
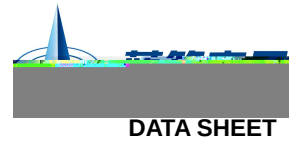


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BRCS030N03ZCQ

Rev.A Aug.-2022



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

Rev.A Aug.-2022



DATA SHEET

Parameter	! Symbol	" Rating	# \$ Unit
Drain-Source Voltage	V_{DS}	30	V

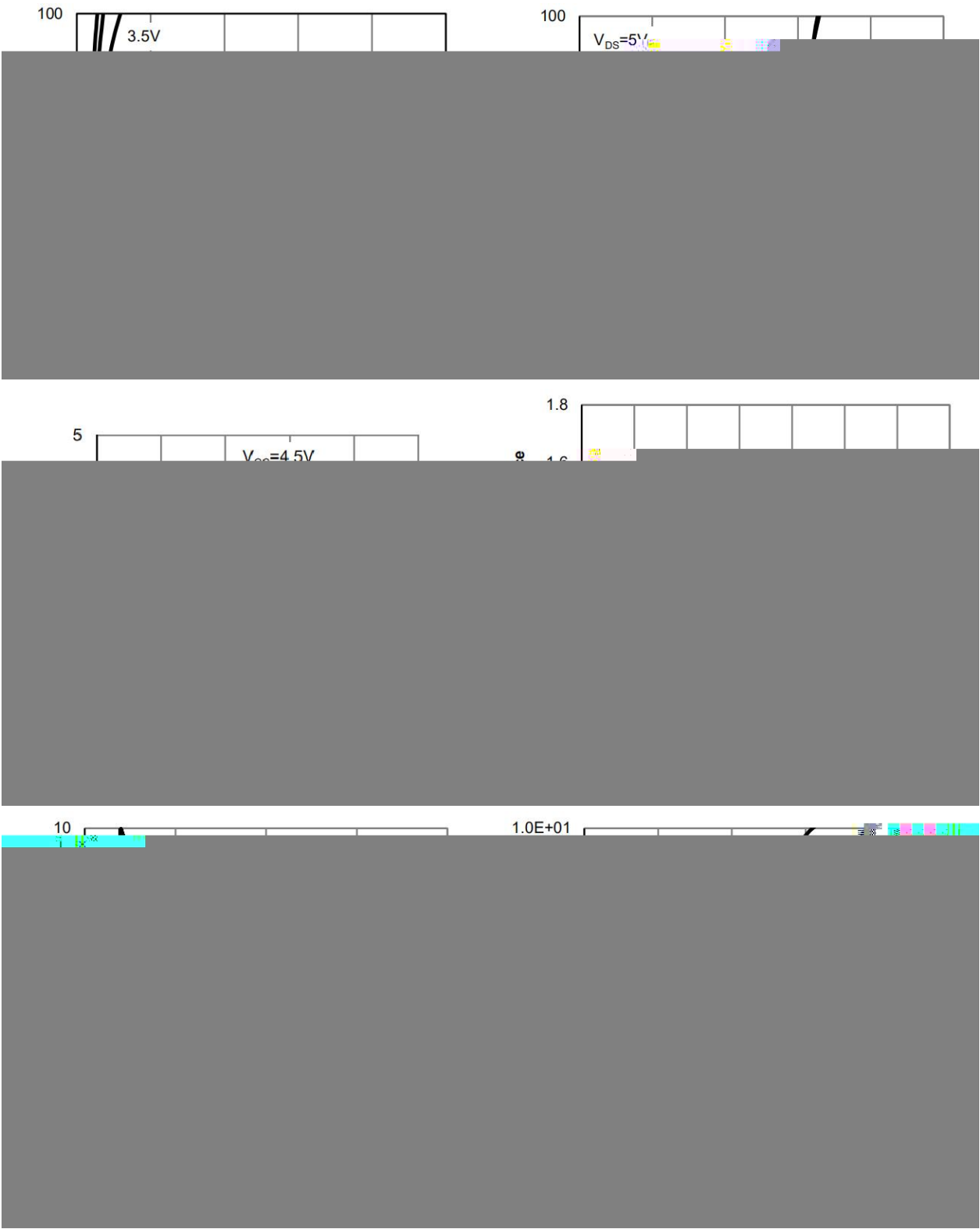
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Rev.A Aug.-2022

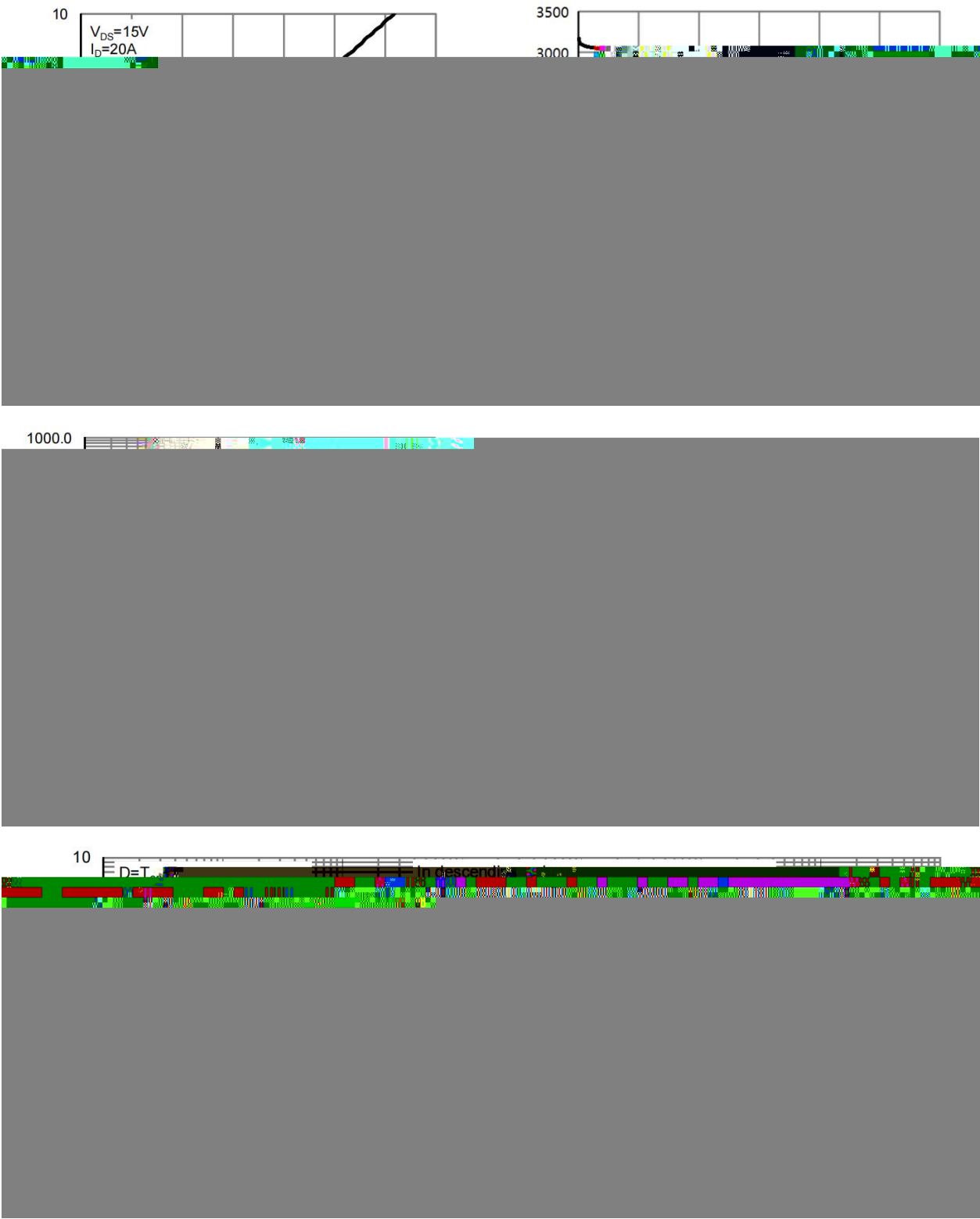


DATA SHEET

/ Electrical Characteristic Curve

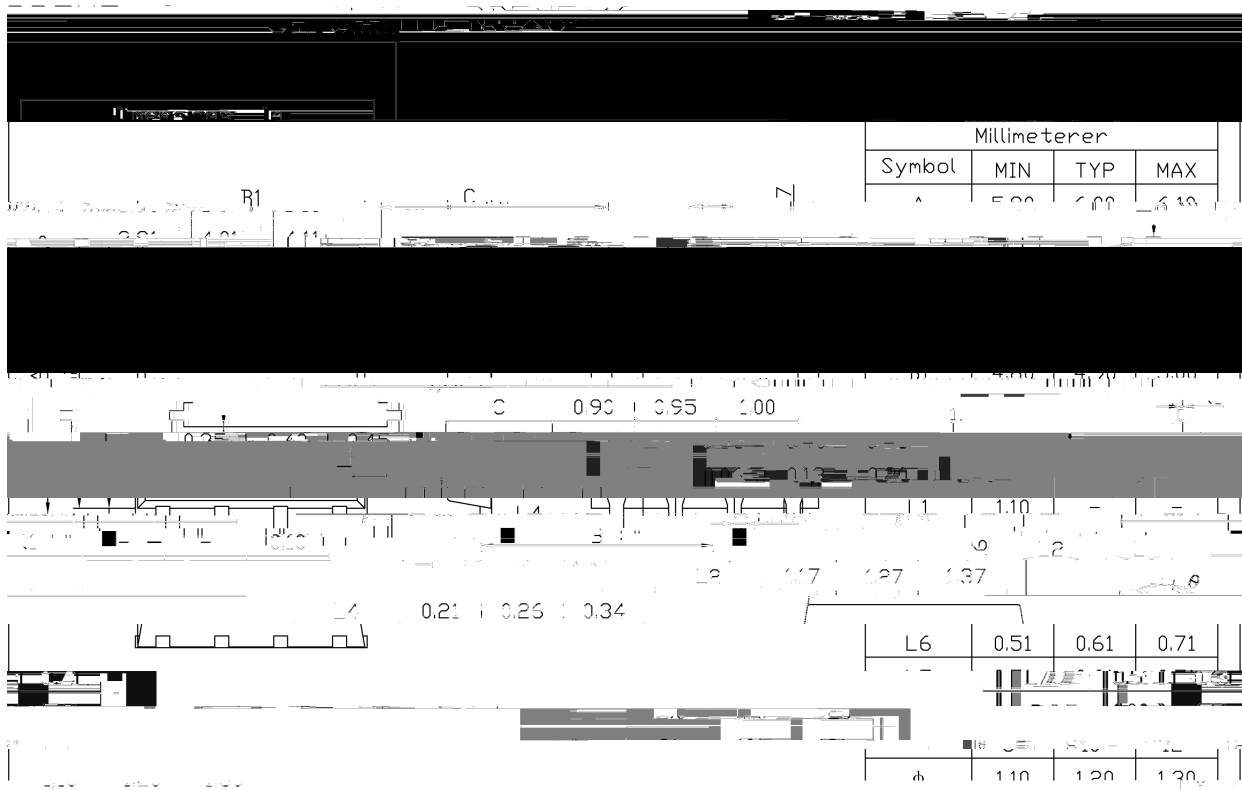


/ Electrical Characteristic Curve



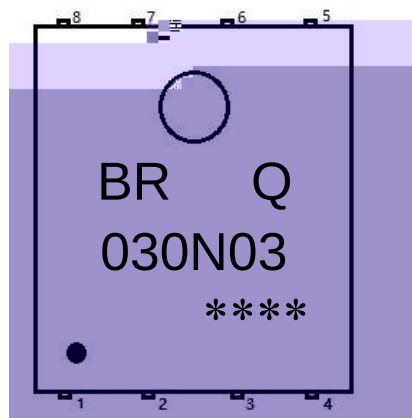


/ Package Dimensions



Rev. 00, 201912

/ Marking Instructions



. / 0

BR 0 1 2 3 4 5

Q 0 1 6 7 8 9 : ; < =

030N03 0 1 : ; , !

**** 0 1 > : ? ! 4 5 @ A > : ? ! B C

Note 0

BR 0 Company Code

Q: Automobile halogen-free product Code

030N03 0 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°C, Time:60~120sec. |
| 2 | 255±5 | 5±0.5sec; | 2.Peak Temp.:255±5°C, Duration:5±0.5sec. |
| 3 | | | |